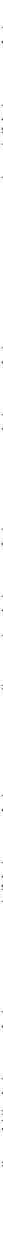


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MULCHING APPLICATION REQUIREMENTS

MATERIAL	RATE	DEPTH
Straw or hay	2 1/2ton/Acre	6" to 10"
Wood waste, chips, sawdust, bark	6 to 9 Ton/Acre	
Crackback asphalt	1200 gals./acre or 1/4 gals./sq.yd.	2" to 3"
Polyethylene film	Secure with soil, anchors, weights	
Crackback asphalt	See manufacturer's recommendations	
Geotextiles, jute matting, netting, etc.		

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS

SPECIES	BROADCAST		RESOURCE	REMARKS
	Rates per Acre	P.L.S per 1000 SF	(Darkor shaded indicate medium rates, and lighter shades indicate percentages for marginal areas)	
LE SPEEDEA ANNUAL (Eragrostis ciliaris)				200,000 SEED PER POUND MAY LAST FOR SEVERAL YEARS USE INOCULANT AT
ALONE	40 lbs. 0.9 lb.	SOUTHERN PINEAPPLE COASTAL PLAIN		
IN MIXTURES	10 lbs. 0.2 lb.			
LOVEGRASS, WEEPING (Eragrostis curvata)				1,500,000 SEED PER POUND MAY LAST FOR SEVERAL YEARS MIX W/ SERICEA LEPEDEZA
ALONE	4 lbs. 0.1 lb.	SOUTHERN PINEAPPLE COASTAL PLAIN		
IN MIXTURES	2 lbs. 0.05 lb.			
MILLET, BROWNTOP (Panicum polystachion)				137,000 SEED PER POUND GRASS-DECK COVER
ALONE	40 lbs. 0.9 lb.	SOUTHERN PINEAPPLE COASTAL PLAIN		WILL PRODUCE TOO MUCH COM- PETITION IN MIXTURES IF SEEDED AT HIGH RATES
IN MIXTURES	10 lbs. 0.2 lb.			
RYE (Elysis cereale)				14,000 SEEDS PER POUND DENSE COVER TOLERANT AND WINTER- HARDY
ALONE	3 lbs. (100 lbs.) 3.9 lb.	SOUTHERN PINEAPPLE COASTAL PLAIN		
IN MIXTURES	1 1/2 lb. (50 lbs.) 0.6 lb.			
RYEGRASS, ANNUAL (Lolium temeratum)				277,000 SEEDS PER POUND DENSE COVER VERY COMPETITIVE AND IS NOT TO BE USED IN MIXTURES
ALONE	40 lbs. 0.9 lb.	SOUTHERN PINEAPPLE COASTAL PLAIN		

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS

[illegible]

Timing:
Apply permanent seedings on areas left dormant for 1 year or more.
Use permanent seedings when no further disturbances are planned.
To determine optimum seeding schedule, consult a local agronomist or erosion control specialist.
Apply permanent seeding before seasonal rains or freezing weather is anticipated.
Use optimum seeding for the seed and seedbed conditions.

Seed Mix:
Use seeds appropriate to the season and site conditions.
Consult local agronomist or erosion control specialists for seed mix.
Use a seed blend to include annuals, perennials and legumes.
Use seed rates based on pure live seed (PLS) of 85%. When PLS is below 80% adjust rates accordingly.
Preparation:
First, bring the planting area to final grade and install the necessary erosion control practices.
If the seedbed is not suitable, amend the seedbed with topsoil.
Conduct soil test to determine pH and nutrient content. Roughen the soil by harrowing, tracking, grading or furrowing.
Incorporate the seed into the soil to a depth of 6 to 7.5 inches. Incorporate these amendments into the soil.
Broadcast 1.5 to 4 inches (76–127 mm) deep seeded, with the top 3–4 inches (76–102 mm) consisting of topsoil.
The seedbed should be firm but not compact. The top three inches of soil should be loose and friable.
The topsoil surface should be in reasonably close conformity to the lines, grades and cross sections shown on the grading plans.
Planting:
Seed and soil contact is the key to good germination.
Seed and soil contact will be applied immediately after seed preparation while the soil is loose and moist. If the seedbed has been left long enough for the soil to become compact, the seed and soil contact will be applied after the seed is planted with a roller, or other equipment designed to conditions the soil for seeding.
Harrowing, tracking or furrowing should be done horizontally across the face of the slope.
Seed to soil contact should be achieved by using the following equipment:
Always apply seed before applying mulch.
Use a seed drill or a broadcast seed drill with calibrated seed spreaders, cyclone seeders, mechanical drills, or hydroseeder so the seed is applied uniformly on the site.
Broadcast seed at rates of 10 to 15 lbs per 1,000 sq ft, depending on soil rating and chitin dispersant.
The quality component to provide good seed-soil contact.
Apply fertilizer as specified.
Mulch:
Apply a 2 to 3 inch erosion blanket, as specified, over the seeded areas. Inspection and Maintenance:
The seeded areas need to be inspected frequently to ensure the grass is growing.
If the seeded area is damaged due to runoff, additional stormwater measures may be needed.
Proper seeding can be done on small areas to fill in bare spots where grass did not grow.

NOTE: DURING "HIGH FAILURE" MONTHS SEEDING CONTRACTOR TO SPREAD MULCH OR HAY FOR SLOPE STABILIZATION.

- *USE A MINIMUM OF 40 LBS. SCARIFIED SEED, REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.
- **USE EITHER COMMON SERAIA OR INTERSTATE SERICEA LESPEDEZA.
 - ALL AREAS TO BE SEEDED SHALL HAVE LIME APPLIED AT A RATE OF 90 LB./1000 S.F.. LIME AND FERTILIZER TO BE APPLIED PRIOR TO APPLICATION OF SEED AND SOIL THOROUGHLY WITH THE SOIL.
 - ALL AREAS SEEDDED SHALL HAVE AN APPLICATION OF STRAW MULCH (APPROXIMATELY 2 1/2 TONS PER ACRE) IMMEDIATELY AFTER PLANTING REGARDLESS OF PLANTING METHOD.
- MAINTAIN 1 YEAR MINIMUM
- FERTILIZER, AGRICULTURAL LIME 1 TON PER ACRE
- 8-12-12, OR 5-10-15, 1000 LB. PER ACRE

VEGETATIVE PLANT $\boxed{Ds2}$ $\boxed{Ds3}$

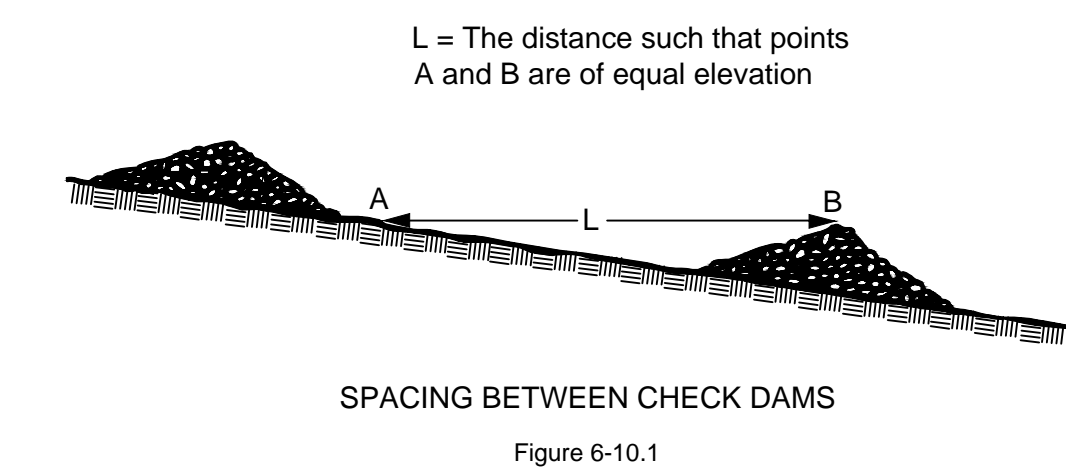
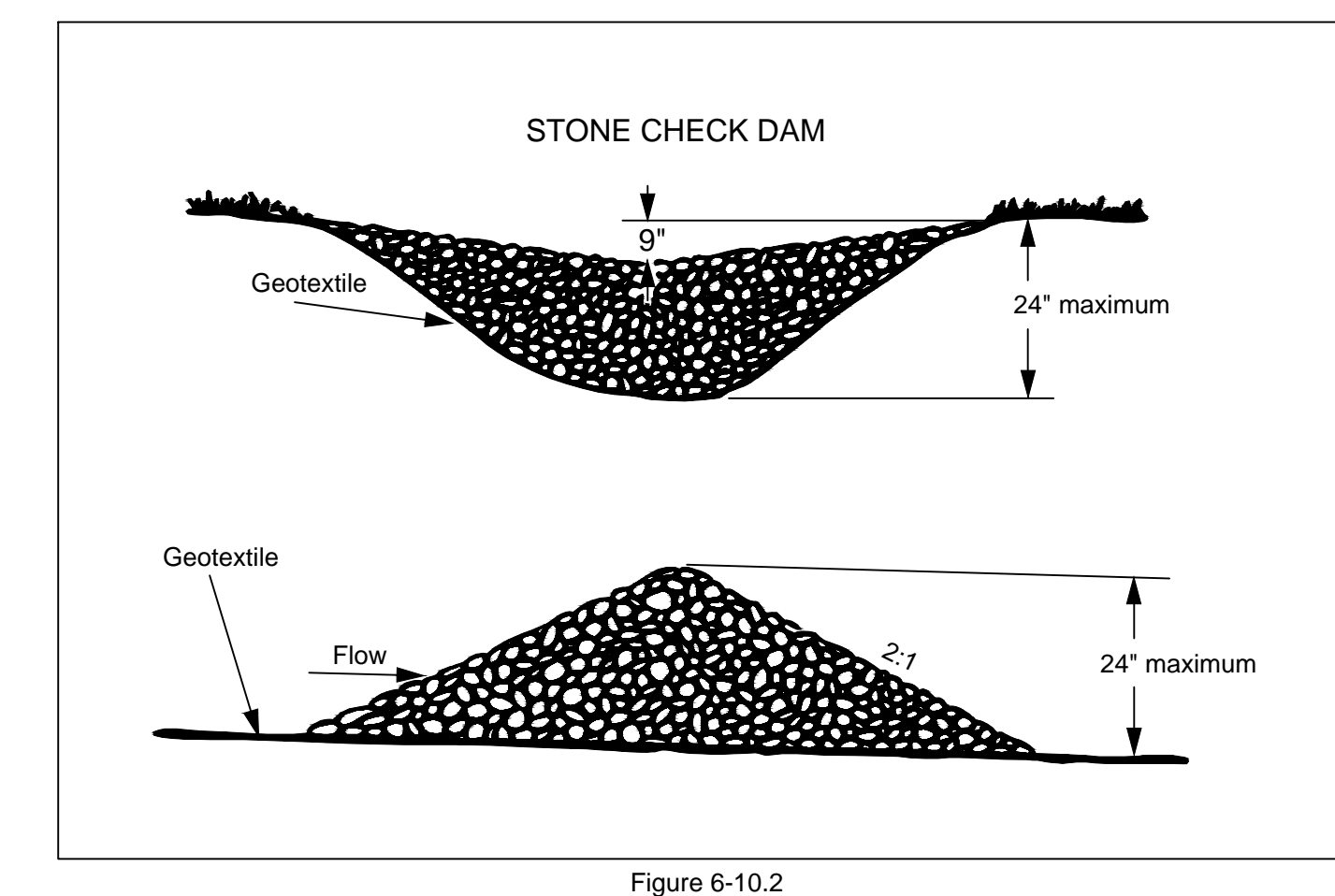
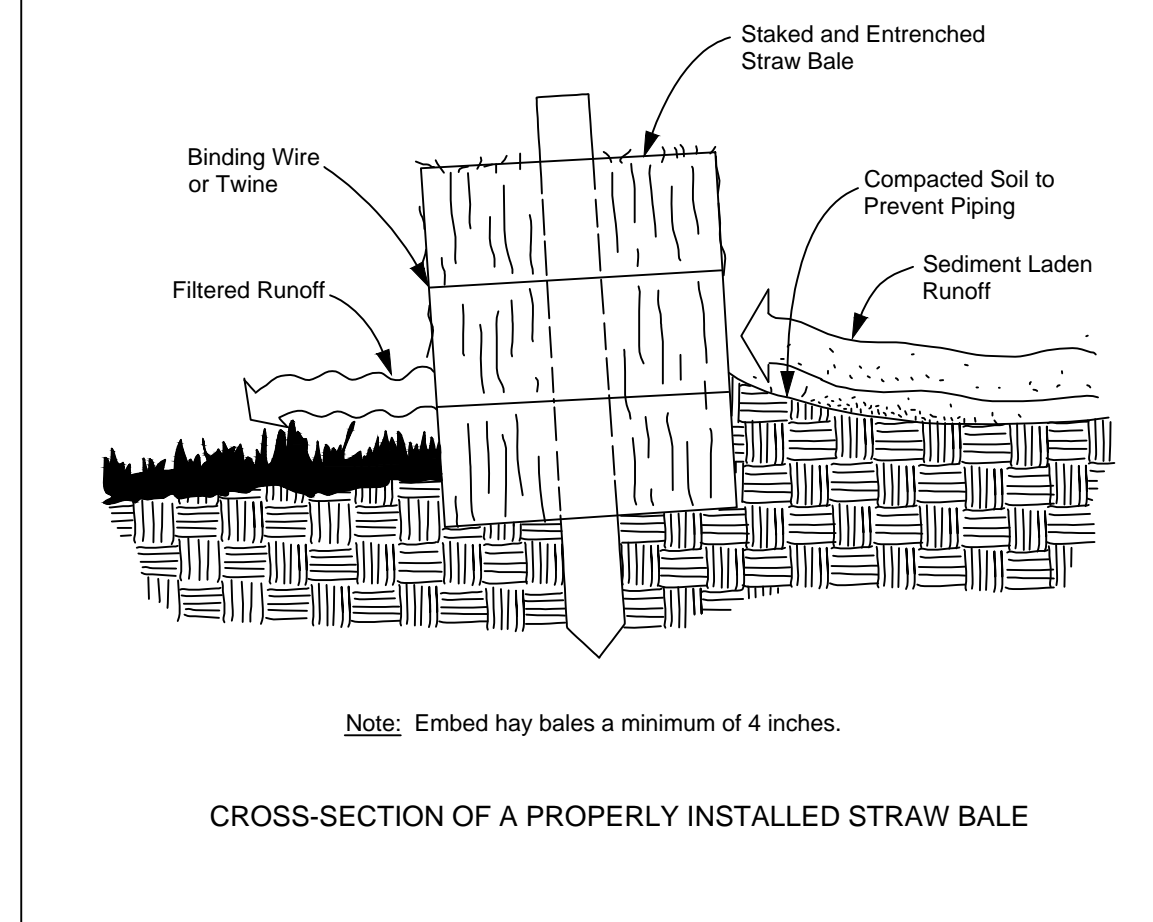
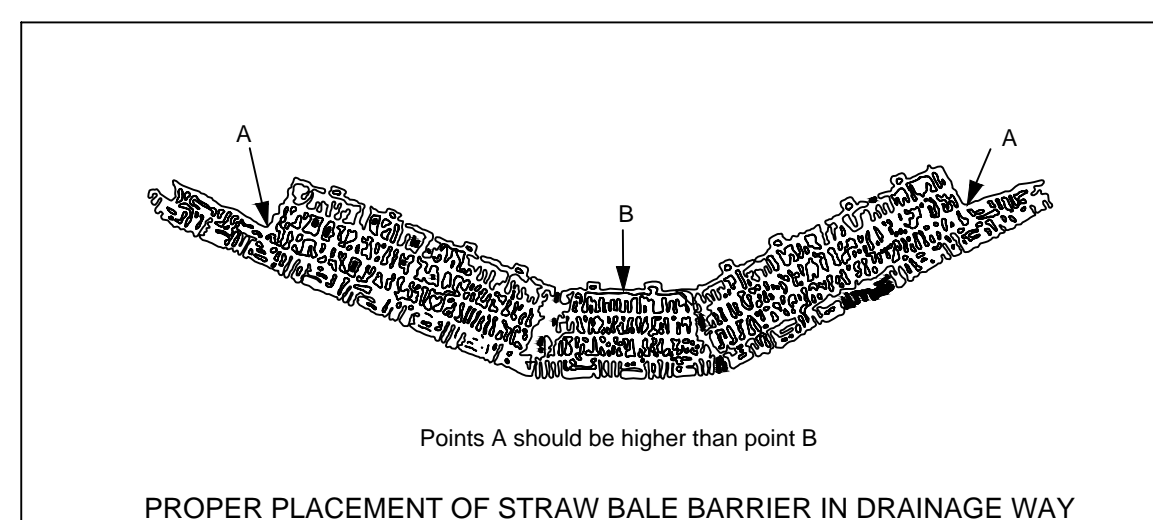
SPECIES	RATES PER ACRE	PLANTING DATES
AGRICULTURAL LIMESTONE FERTILIZER, 5-10-15	4,000LBs. 1,500LBs.	
MULCH, STRAW, HAY	5,000LBs.	
HULLED COMMON BERMUDAGRASS	10LBs.	3/1 - 6/15
FESCUE	50LBs.	9/1 - 10/31
RYE GRASS	50LBs.	11/1 - 2/28
RYE GRASS	30LBs.	
HAY MULCH FOR COVER	5,000LBs.	6/15 - 8/31
TOPDRESSING 33.5% AMMONIUM NITRATE	300LBs.	WHEN PLANTS ARE 2" - 4" TALL
SECOND YEAR FERTILIZER 10-15 OR EQUAL	800LBs.	

SPECIES	RATES	PLANTING DATES
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SEEDING:	PER ACRE	PLANTING DATE
SERICEA LESPEDEZA (SCARIFIED)	30 LBS.	15 MARCH-15 JUNE
KENTUCKY 31 FESCUE	80 LBS.	1 MARCH-15 APRIL TEMPORARY VEGETATION
SERICEA LESPEDEZA (UNHULLED, UN-SCARIFIED)	30 LBS.	YEAR ROUND TEMPORARY VEGETATION
168 LBS. RYE GRAIN W/MIXTURE 1/2 BU.		15 JULY-30 NOVEMBER
COMMON BERMUDA (HULLED)	30 LBS.	1 MARCH-30 JUNE
COMMON BERMUDA (UNHULLED)		1 OCTOBER-28 FEBRUARY
FERTILIZER:		
5-10-10	1,800 LBS.	
MULCH:		
	2 1/2 TONS	
STRAW	2 TONS	

SERICEA LESPEDeza	30 LBS	YEAR ROUND
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SPECIES		(N-P-K)	(LBS/AC)	DRESSING RATE (LBS/AC)
COOL SEASON GRASSES	MAINTENANCE	6-12-12	1500	50-100
		6-12-12	1000	---
		10-10-10	400	30
WARM SEASON GRASSES	MAINTENANCE	6-12-12	1500	50-100
		6-12-12	800	50-100
		10-10-10	400	30

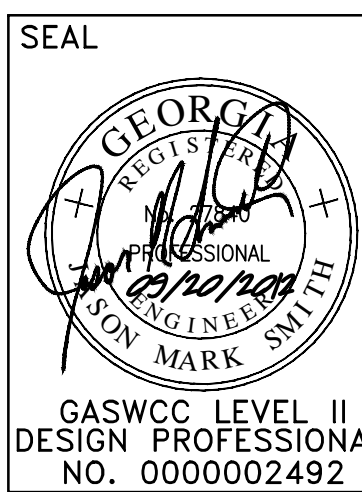


CD CHECK DAM

<i>REVISION NO.</i>	<i>REVISION DESCRIPTION</i>		
Revisions		By	Date



Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021



Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title
ES&PC
DETAILS

Project Title		
VA HOSPICE CARE UNIT		

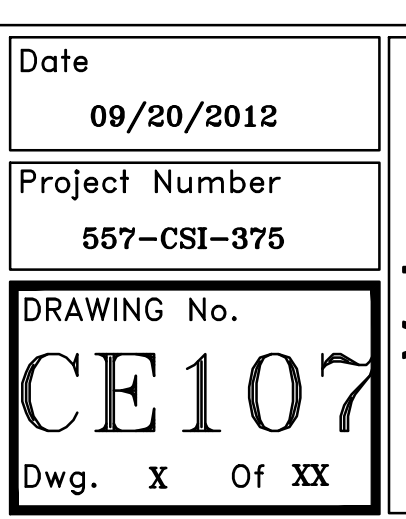
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Project Number	

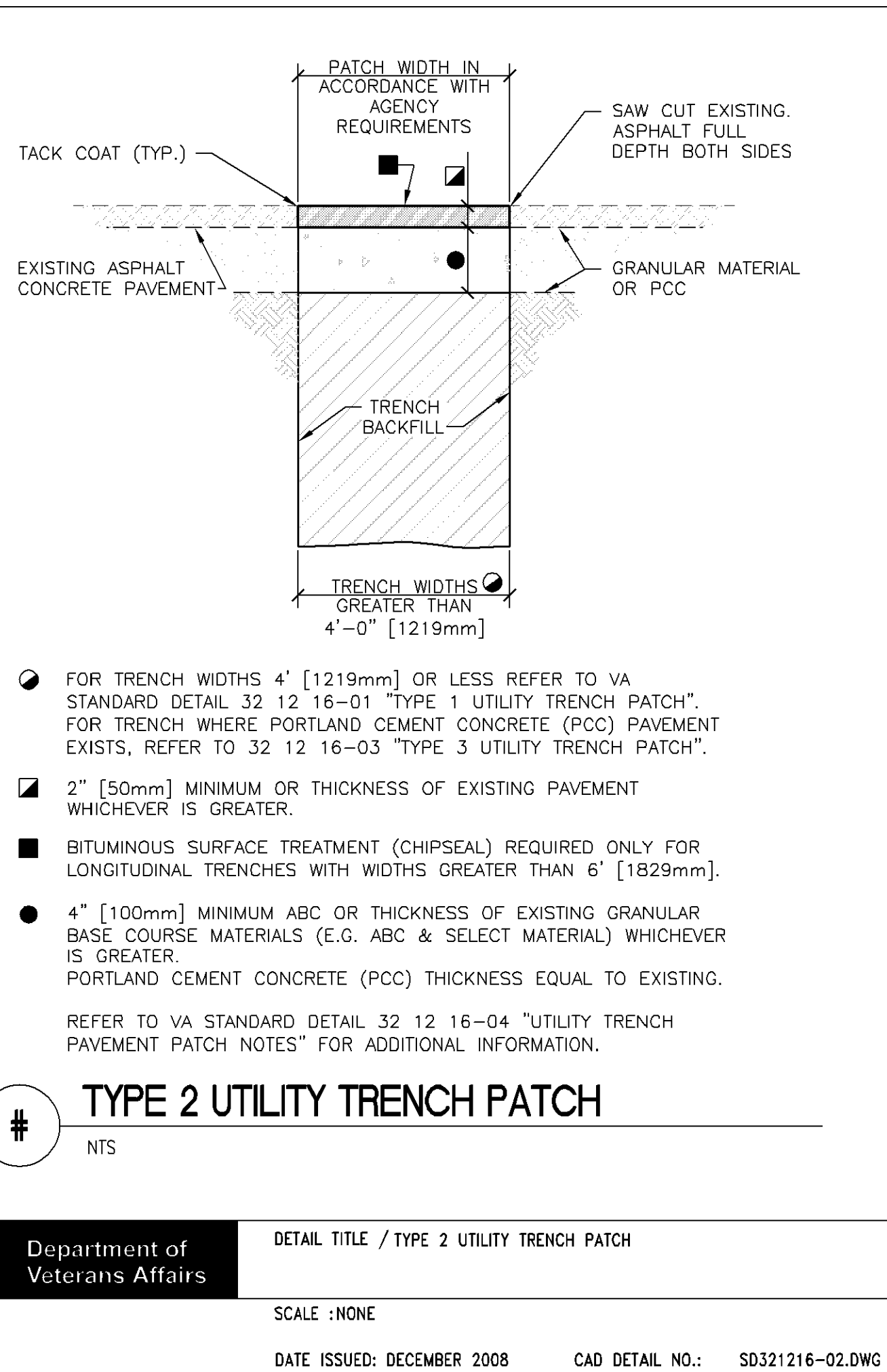
Submittal:	CONSTRUCTION DOCUMENTS (100%)
Job Number	2009-050-01

Drawn JMS	Building Number 86	AutoCAD File Name 557.375.86.CE106
Checked JMS	Reviewed JMS	Const. Contract

DRAWING No.
CE 106
Dwg. X Of XX

VA Affairs





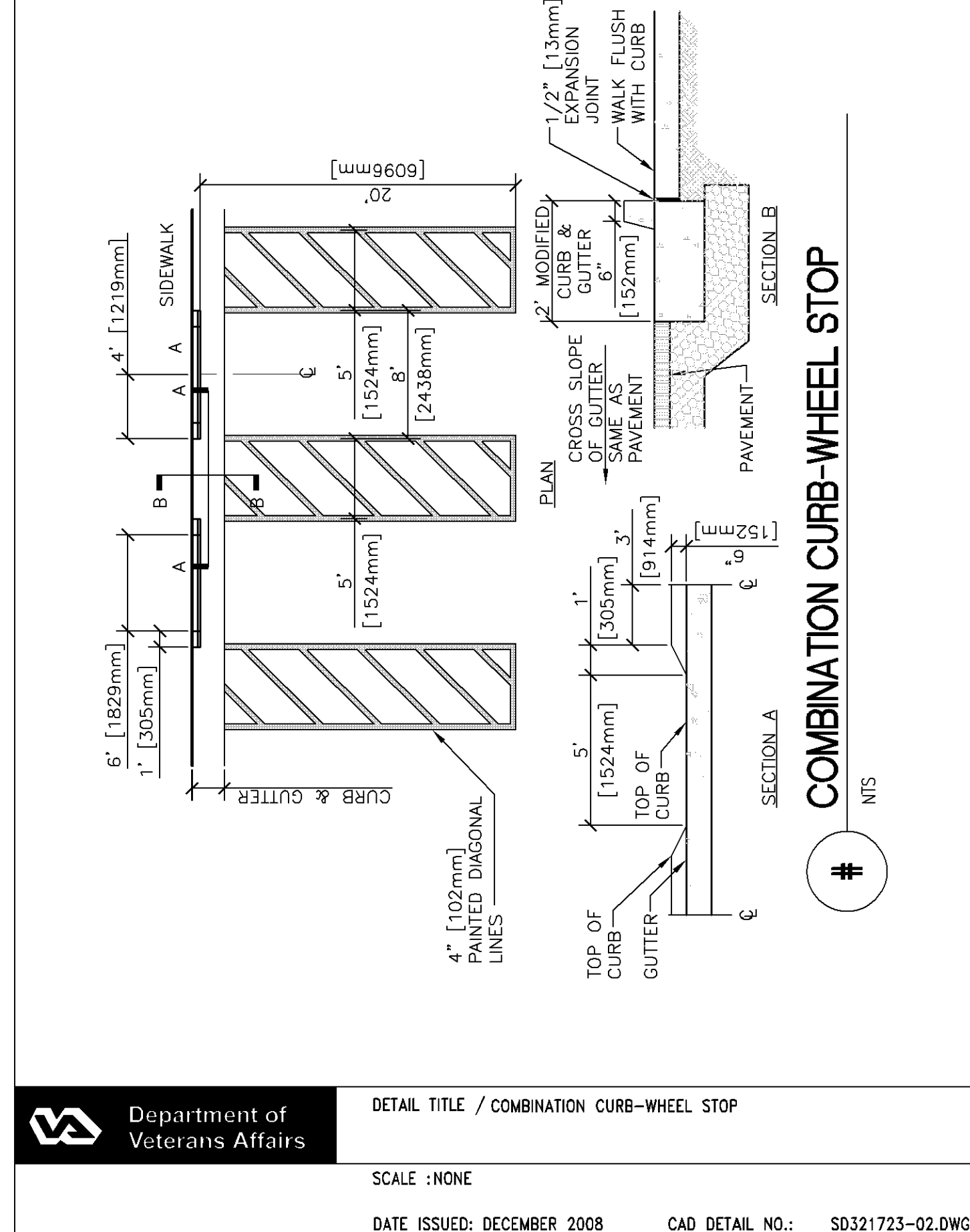
1. DEFORMED THE BARS SHALL BE USED IN TRENCH PATCHES LONGITUDINAL TO THE ROADWAY CENTERLINE WHEN THE TRENCH LENGTH IS GREATER THAN 50 FEET [15240mm]. THE BARS SHALL BE 24 INCHES [610mm] LONG, DEFORMED #4 [No. 13] BARS FOR PCP PATCHES AND 8 INCHES [203mm] LONG, DEFORMED #3 [No. 10] BARS IF 8 INCHES [203mm] THICK OR MORE. THE BARS SHALL BE PLACED 30 INCHES [762mm] CENTER-TO-CENTER.
2. HOLES SHALL BE DRILLED 1 FOOT [305mm] INTO THE EXISTING SLAB FOR THE BARS AND 7 INCHES [180mm] FOR DOWELS. HOLES SHALL BE OF A DIAMETER SUFFICIENT TO ACCOMMODATE THE TIE BAR ANCHORAGE OR DOWEL CAP. THE BARS SHALL BE ANCHORED WITH AN APPROVED HIGH VISCOSITY EPOXY.
3. IF THE CONCRETE SLAB REMAINING NEXT TO A LONGITUDINAL OR TRANSVERSE JOINT IS LESS THAN 6 FEET [1829mm] IN LENGTH, THE JOINT SHALL BE CUT THROUGH THE EXISTING CONCRETE TO THE JOINT.

A. EXISTING CONDITIONS ARE FROM A COMBINATION OF GROUND RUN SURVEY INFORMATION AND INFORMATION FROM THE DESIGN OF THE ADJACENT WELLNESS CENTER PROJECT AS PROVIDED BY THE CLIENT.

B. UTILITY LOCATIONS ARE APPROXIMATE AS PER UTILITY LOCATE AND GROUND RUN SURVEY INFORMATION AND IS SHOWN FOR COORDINATION PURPOSES ONLY. PHYSICAL LOCATION OF EXISTING UTILITIES NEEDS TO BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

C. LOCATION OF PROPOSED WELLNESS CENTER FROM INFORMATION PROVIDED BY THE CLIENT

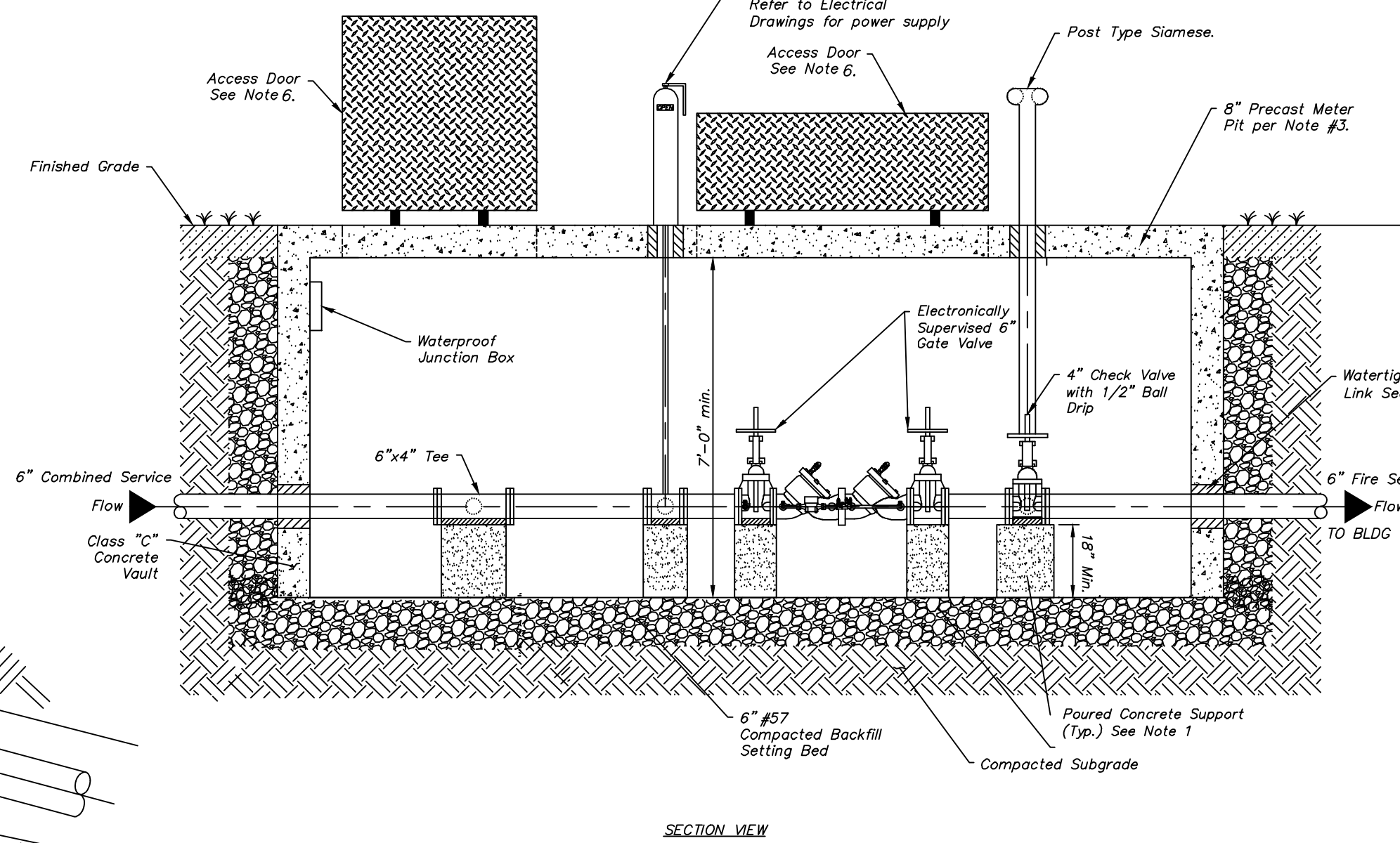
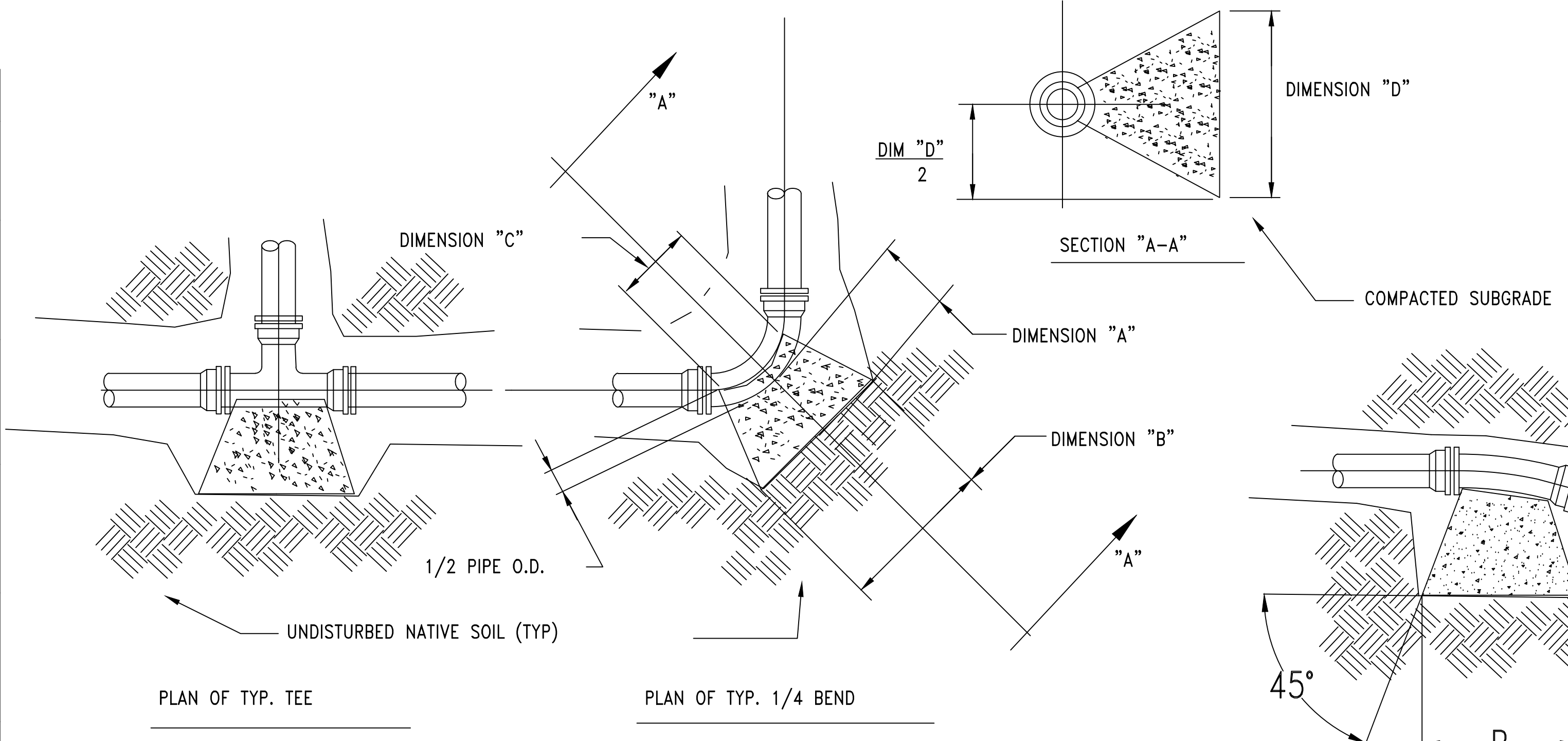
REFER TO SHEET C1101 FOR LEGEND INFORMATION AND ABBREVIATIONS



ate	09/20/2012
Project Number	557-C SI-375
DRAWING No.	CR102
Wg. X Of XX	

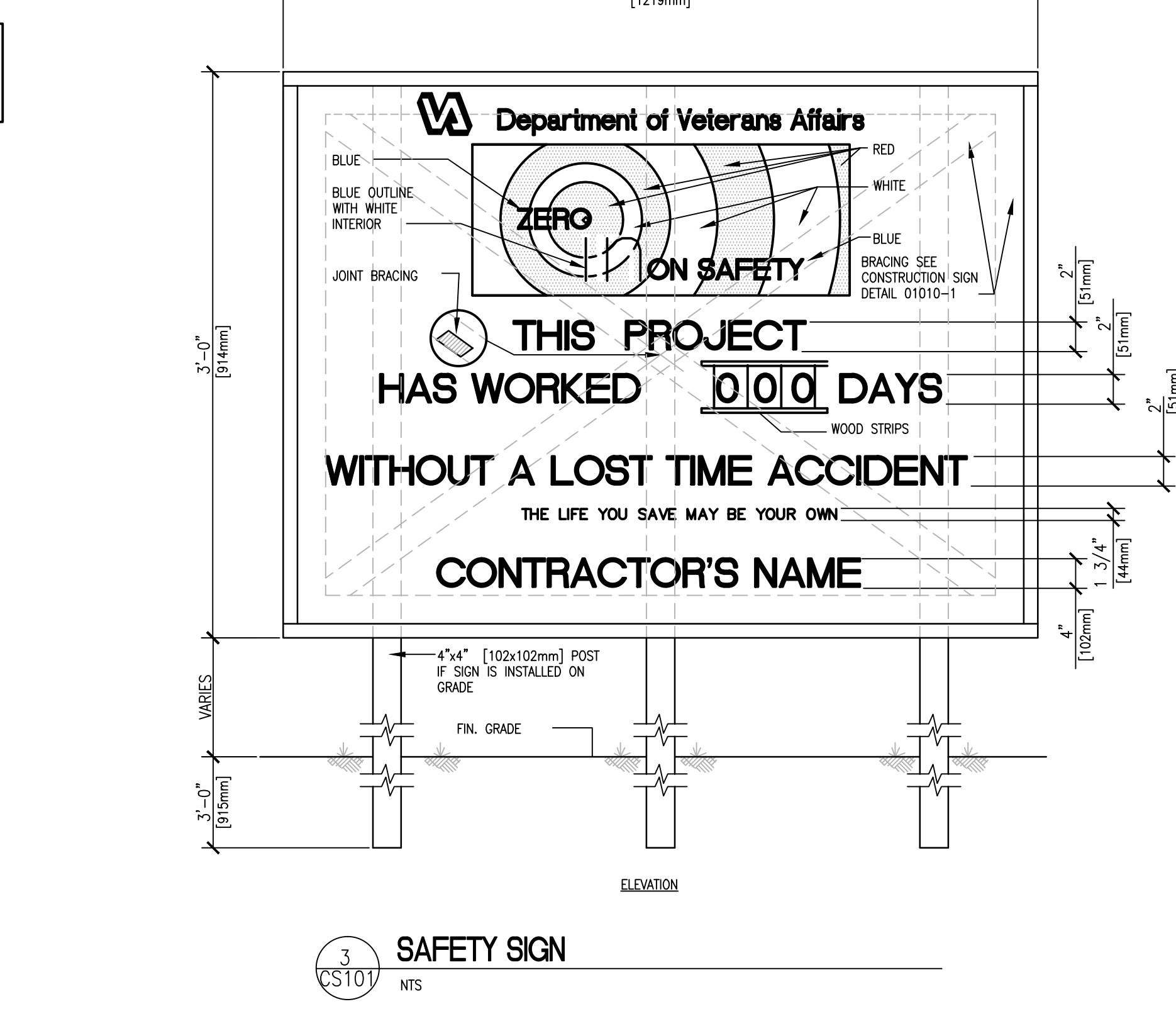
CONCRETE THRUST RESTRAINT INSTALLATION
MATERIALS AND DESIGN SHALL BE IN STRICT
ACCORDANCE WITH NFPA 24 AND WITH THE
PIPE MANUFACTURER'S INSTALLATION INSTRUCTIONS

5
CU101



- 1
CU101

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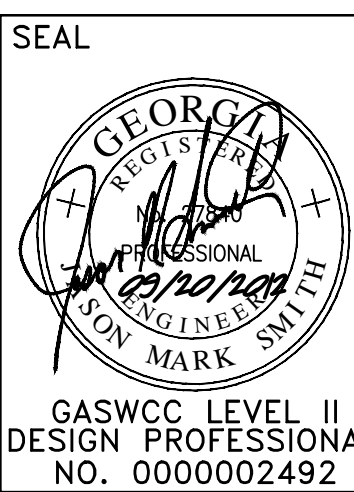


SAFETY SIGN

<i>REVISION NO.</i>	<i>REVISION DESCRIPTION</i>		
Revisions		By	Date



2



1. MEDICAL DIRECTOR
2. ASSOCIATE DIRECTOR
3. CHIEF OF STAFF
4. ASSOC. DIRECTOR
5. SERVICE LINE MGRS.

6. OPERATIONS SERVICE LINE
7. INFECTION CONTROL
8. SAFETY MANAGER
9. GENERAL ENGINEER
10. COTR

Submittal:
CONSTRUCTION DOCUMENTS (100%)
Job Number
2009-050-01

Drawn JMS	Building Number 86
Checked JMS	Reviewed JMS

DRAWING No.
CR105
Dwg. X Of XX

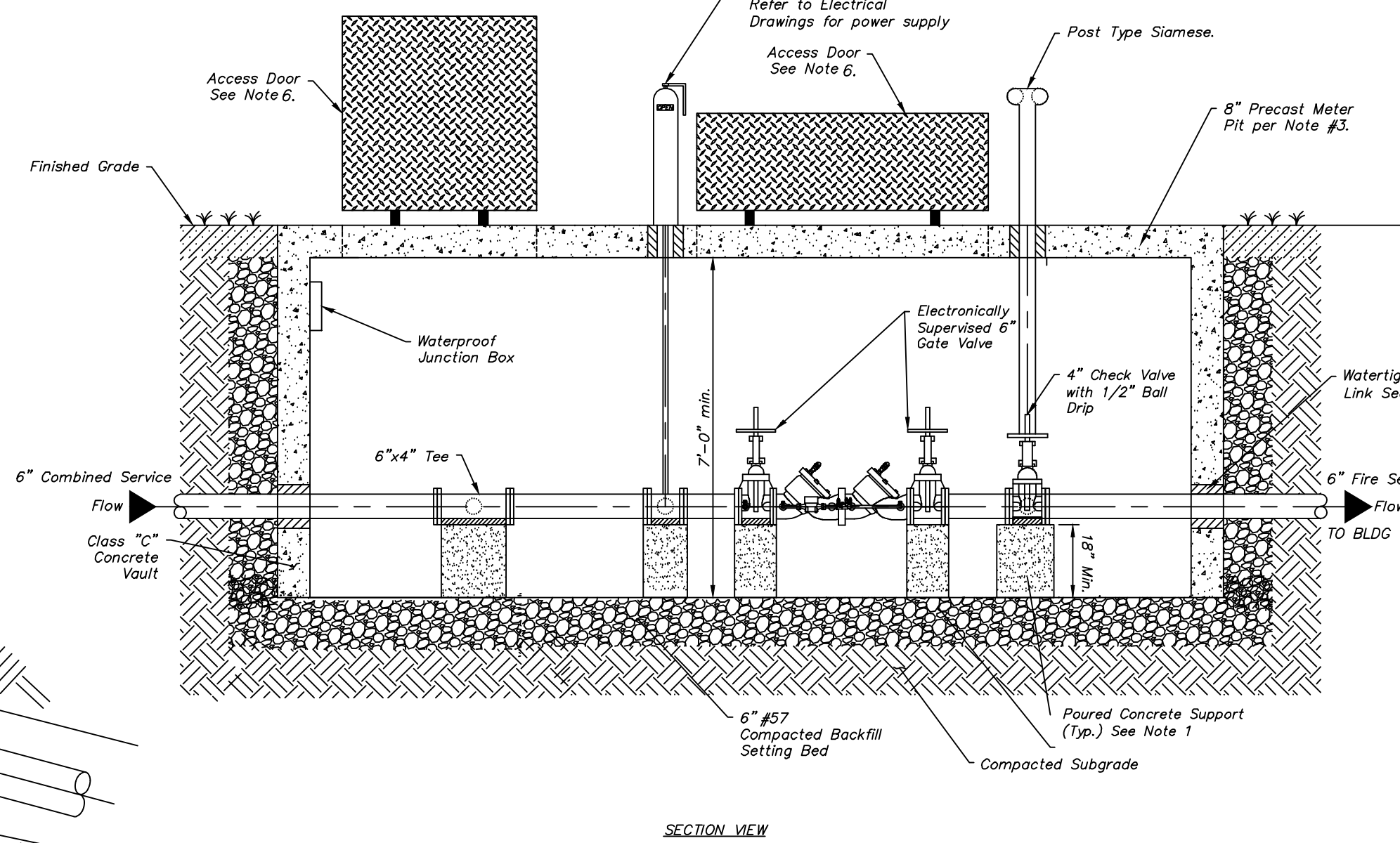
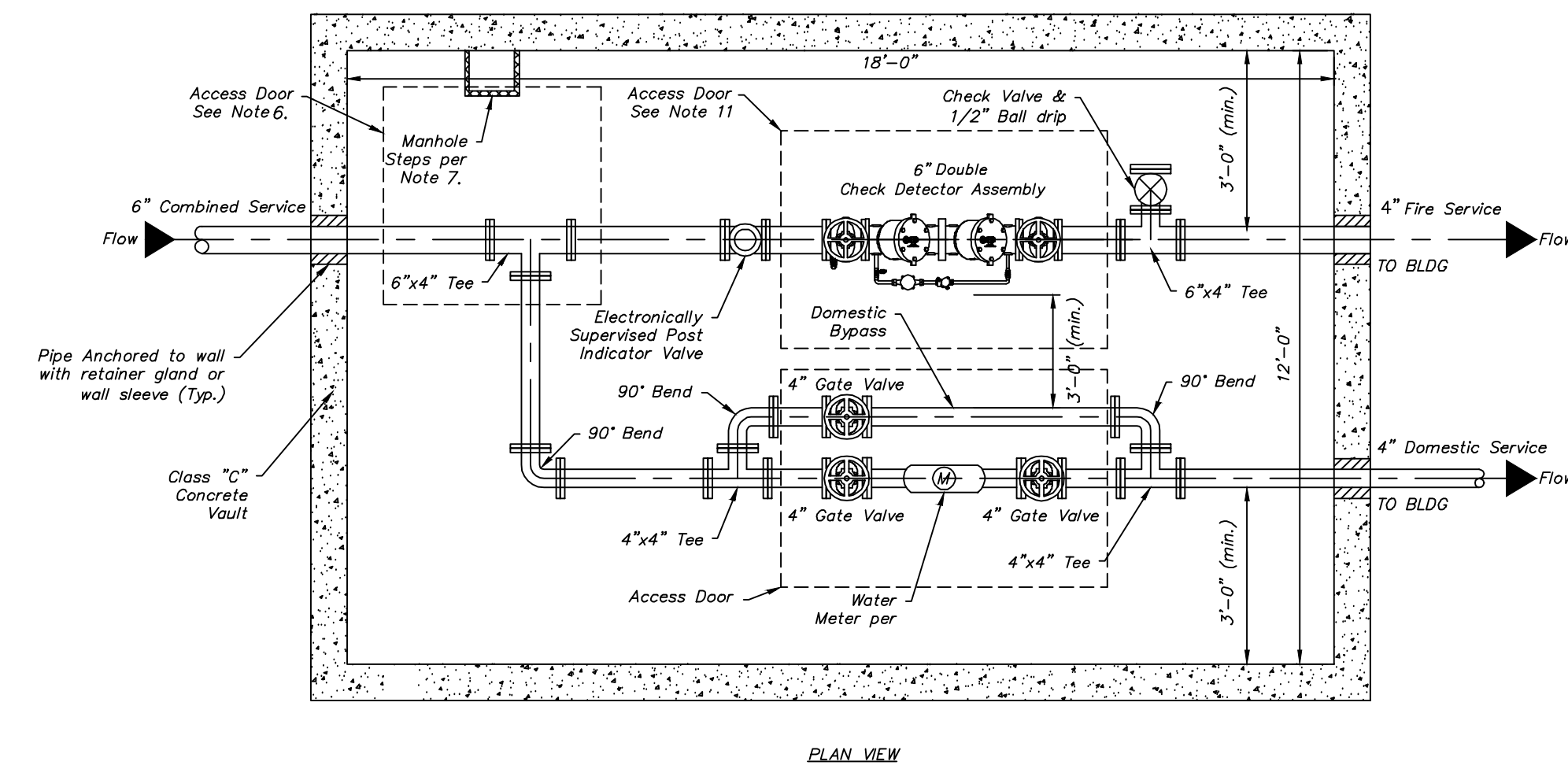
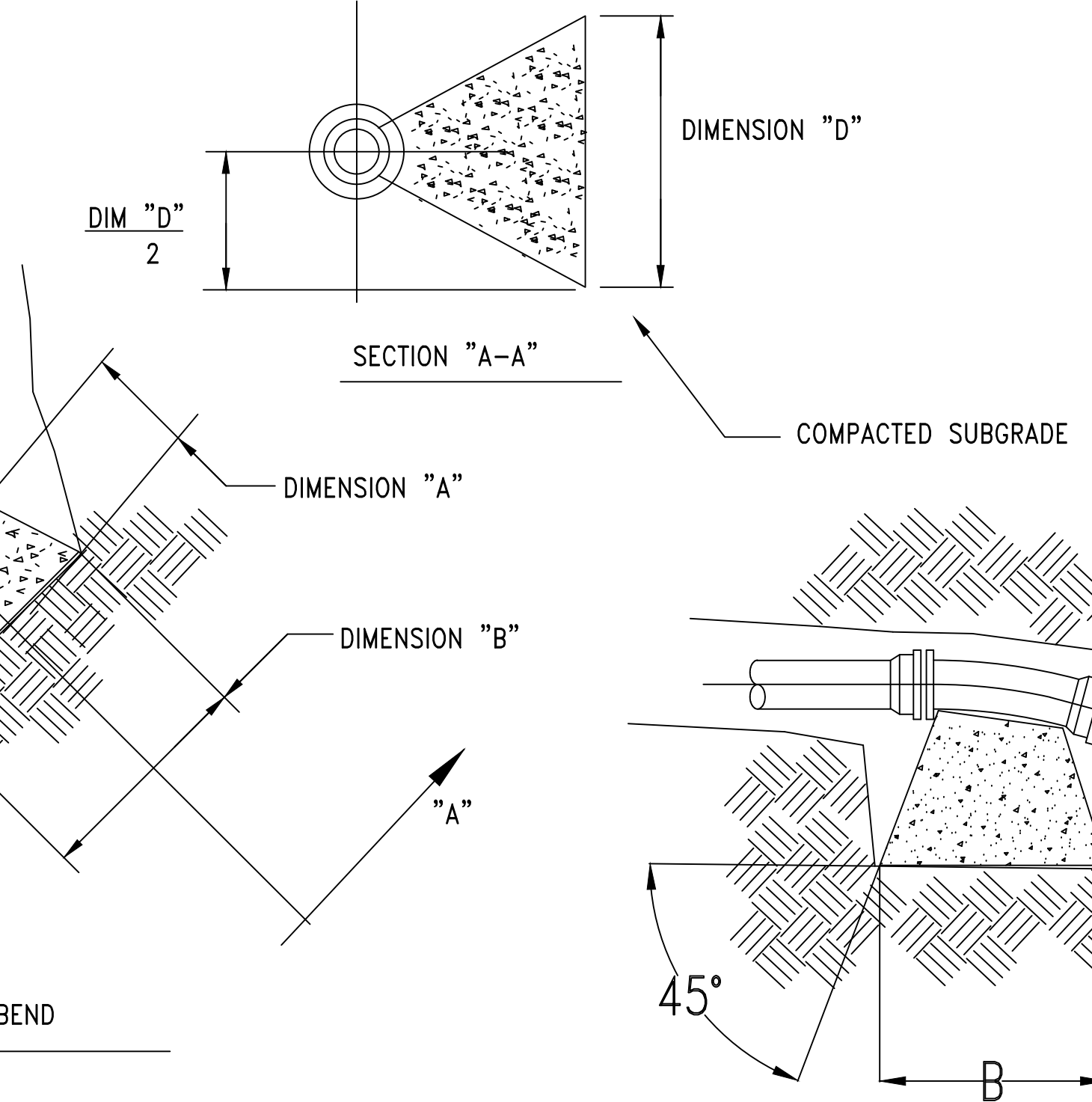
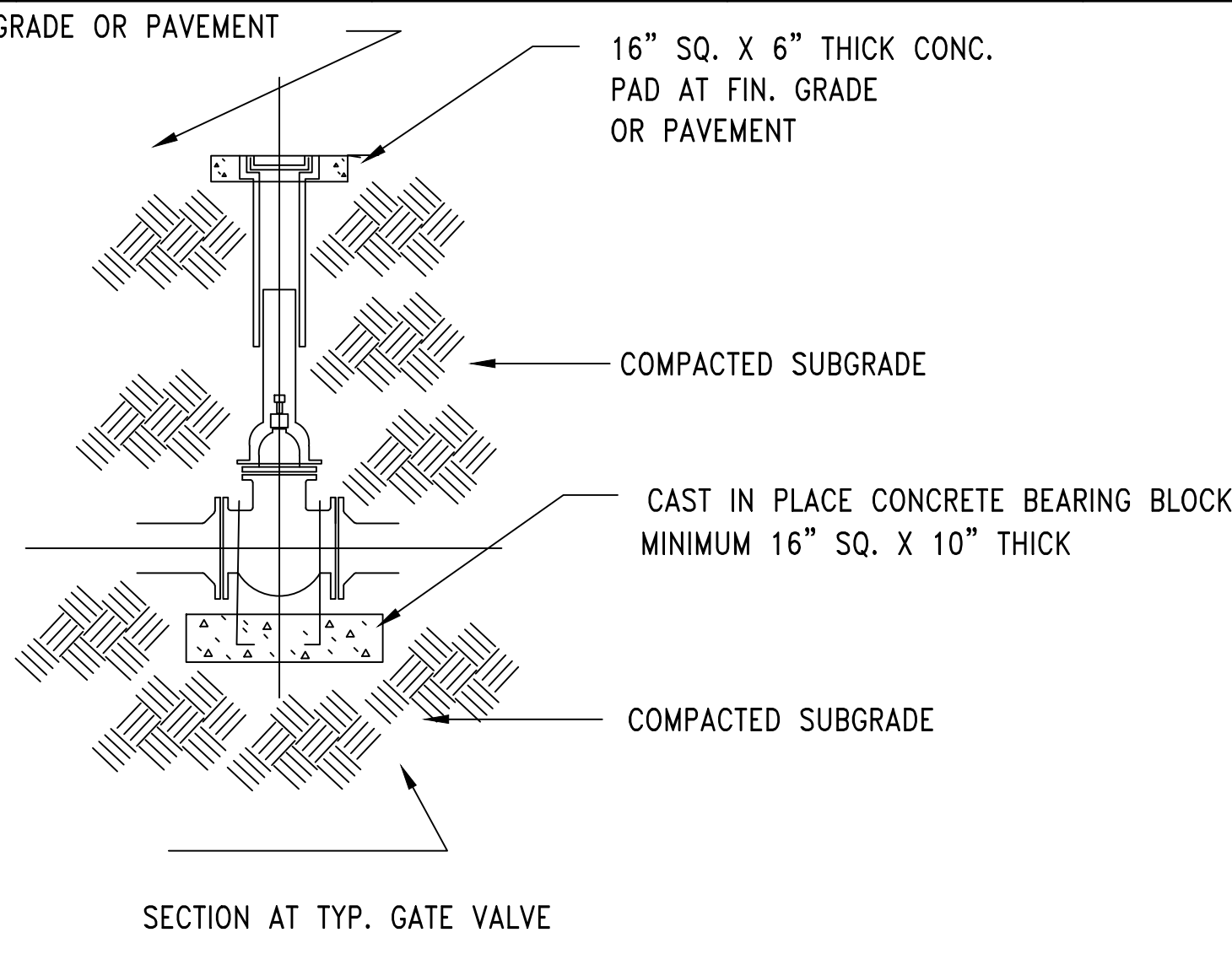
CR 105



Matrix Project No.	09104
Consultant	

CONCRETE THRUST RESTRAINT INSTALLATION
MATERIALS AND DESIGN SHALL BE IN STRICT
ACCORDANCE WITH NFPA 24 AND WITH THE
PIPE MANUFACTURER'S INSTALLATION INSTRUCTIONS

FITTING TYPE	SVC PIPE SIZE	DIM. A MIN	DIM B MIN	DIM C MIN	DIM D MIN	VOL CU.YD MIN
(11 1/4 DEG) BEND	3",4",6"	1.0'	1.0'	7"	1.0'	0.03
	8"	1.0'	1.25'	7"	1.0'	0.04
	10",12"	1.0'	2.0'	11"	2.0	0.1
	16"	2.0'	3.0'	15"	2.0'	0.3
22.5 DEG) 1/16 BEND	3",4",6"	1.0'	1.5'	7"	1.0'	0.04
	8"	1.0'	2.0'	7"	2.0'	0.1
	10",12"	2.0'	3.0'	11"	2.0'	0.3
	16"	2.0'	4.0'	15"	3.0'	0.6
45 DEG) 1/8 BEND	3",4",6"	1.5'	2.0'	7"	1.5'	0.11
	8"	2.0'	3.0'	7"	2.0'	0.3
	10",12"	2.0'	4.0'	11"	3.0'	0.7
	16"	3.0'	5.0'	15"	4.0'	1.4
90 DEG) 1/4 BEND	3",4",6"	1.5'	2.5'	7"	2.0'	0.2
	8"	2.0'	3.0'	7"	3.0'	0.4
	10",12"	4.0'	6.0'	11"	4.0'	2.1
	16"	4.0'	7.0'	15"	5.0'	3.1"
TEES, ROSSSES, PLUGS	3",4",6"	1.5'	2.0'	7"	1.75'	0.13
	8"	2.0'	3.0'	7"	2.0'	0.3
	10",12"	2.0'	4.0'	11"	4.0'	0.8
	16"	3.0'	5.0'	15"	5.0'	1.8



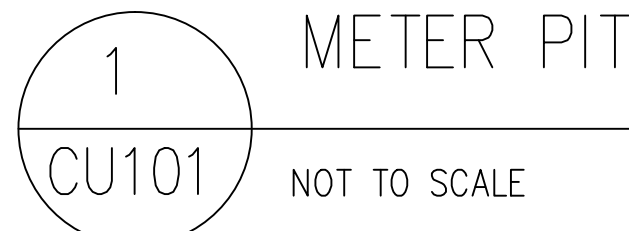
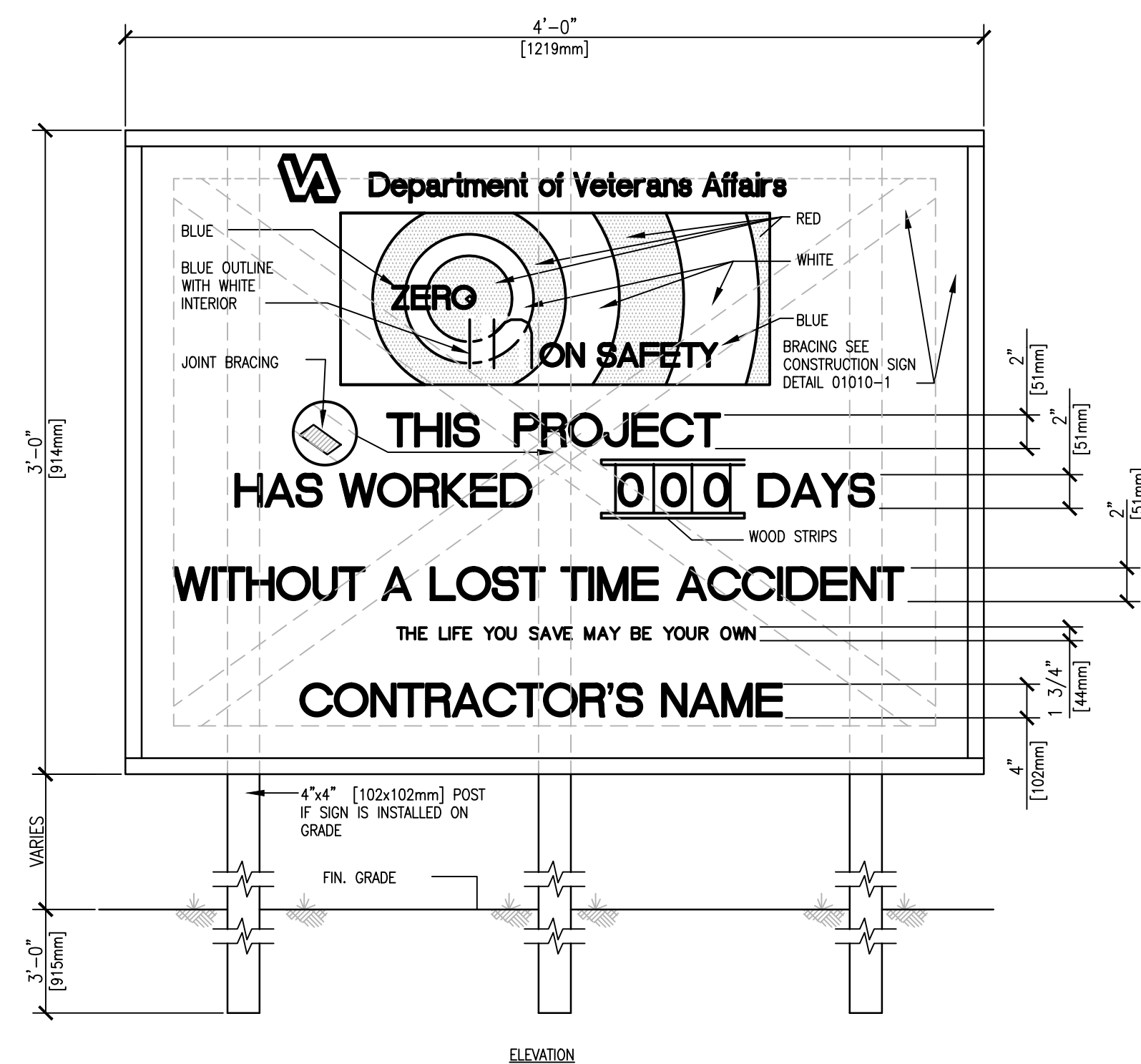
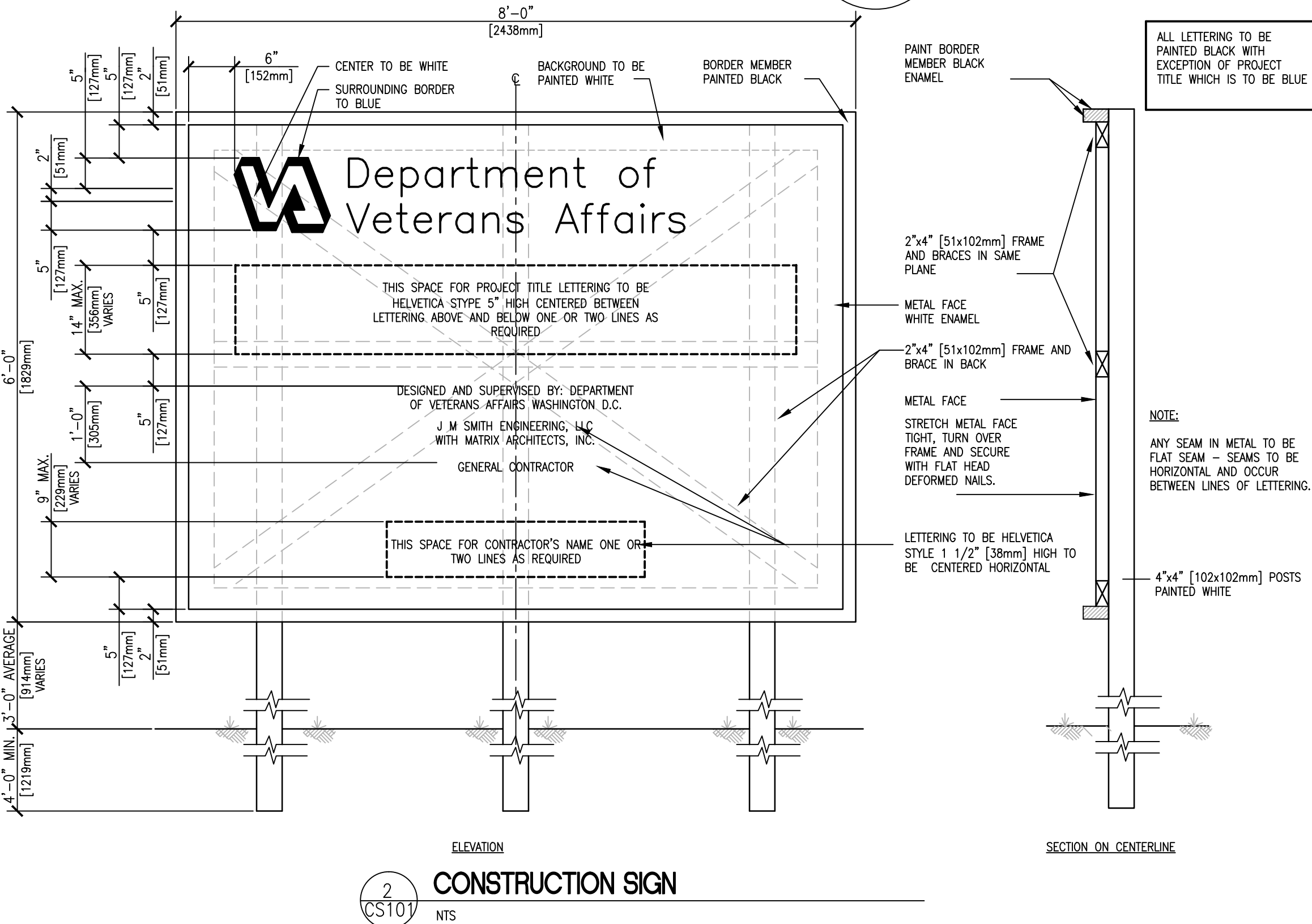
1. Provide 12"x12" Concrete Supports (3000 psi concrete) with #3 bars in corners dove into floor slab and into wall. Provide horizontal bars between concrete support and valve.
2. Provide watertight connection of all pipes, Uni-Seal type or equal wall penetration seal.
3. Provide concrete vault able to withstand H-20 wheel loads to the dimensions shown.
4. All pipe shall be Class 54 Ductile Iron with flanged connections
5. All pipe in vault smaller than 2" shall be "K" copper or brass pipe.
6. Access doors to be double leaf, aluminum, 6'-0" L x 4'-0" W, centered over water meter and detector check valve assemblies. Single leaf aluminum, 4'-0" L x 4'-0" W access door for valves.
7. Access steps shall be cast iron, aluminum, or polycarbonate meeting the requirements of ASTM C-478, and shall be installed with a uniform vertical spacing of 16".
8. Provide Water Meter per the Client's Specifications. Water Meter shall be 1/2" Commercial size. Meter assembly supplied and installed by the contractor per the Water Specifications
9. See Electrical site plans for electrical connections and locations

GENERAL NOTES

- A. EXISTING CONDITIONS ARE FROM A COMBINATION OF GROUND RUN SURVEY INFORMATION AND INFORMATION FROM THE DESIGN OF THE ADJACENT WELLNESS CENTER PROJECT AS PROVIDED BY THE CLIENT.
- B. UTILITY LOCATIONS ARE APPROXIMATE AS PER UTILITY LOCATE AND GROUND RUN SURVEY INFORMATION AND IS SHOWN FOR COORDINATION PURPOSES ONLY. PHYSICAL LOCATION OF EXISTING UTILITIES NEEDS TO BE VERIFIED BY THE CONTRACTOR IN THE FIELD.
- C. LOCATION OF PROPOSED WELLNESS CENTER FROM INFORMATION PROVIDED BY THE CLIENT

LEGEND

REFER TO SHEET CI101 FOR LEGEND INFORMATION AND ABBREVIATIONS

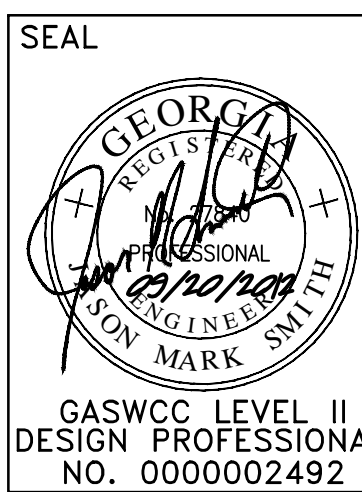


CR106 | SITE DETAILS

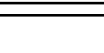
REVISION NO.	REVISION DESCRIPTION		
Revisions		By	Date



Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021



Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title SITE DETAILS	Project Title			Date	 Veterans Affairs
	VA HOSPICE CARE UNIT			09/20/2012	
Submittal: CONSTRUCTION DOCUMENTS (100%)	Drawn	Building Number	AutoCAD File Name	Project Number	<div style="border: 2px solid black; padding: 5px;"> DRAWING No. <div style="font-size: 2em; font-weight: bold; margin: 5px 0;">CR106</div> Dwg. X Of XX </div>
	JMS	86	557.375.86.CR101	557-CS1-375	
Job Number 2009-050-01	Checked	Reviewed	Const. Contract		
	JMS	JMS			



Matrix Architects

249 Wayne Avenue, Dayton, Ohio 45402
Telephone:(937) 224-7700 Fax:(937) 224-7125

Matrix Project No.	09104
Consultant	





1. SEE E/S202 FOR TYPICAL HEADER CONSTRUCTION.
2. * INDICATES WEB STIFFENERS REQUIRED AT BEARING.



Matrix Architects
249 Wayne Avenue, Dayton, Ohio 45402
Telephone:(937) 224-7700 Fax:(937) 224-7125

KORDA
KORDA/NEMETH ENGINEERING
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010
614-487-1650 • FAX 614-487-8981 • WEB www.korda.com

Korda Project No. **2009-0204**



SEAL



Recommended Approvals:

Job Number
2009-05-01

ENGINEERING, INC.	Checked KORDA/NEMETH ENGINEERING, INC.
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Const. Contract	
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S102

Veterans Affairs

SECTION

ELEVATION

SECTION

SECTION

SECTION

SECTION

SECTION

SECTION

GIRDER TRUSS TO
WOOD COLUMN

SECTION

<i>REVISION NO.</i>	<i>REVISION DESCRIPTION</i>	
1	REVISED/ADDED FOR REBIDDING	06/29/2012
Revisions		By Date



Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021

SEAL



Recommended		Approvals:
1. MEDICAL DIRECTOR		6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR		7. INFECTION CONTROL
3. CHIEF OF STAFF		8. SAFETY MANAGER
4. ASSOC. DIRECTOR		9. GENERAL ENGINEER
5. SERVICE LINE MGRS.		10. COTR

Drawing Title
**SECTIONS
AND
DETAILS**

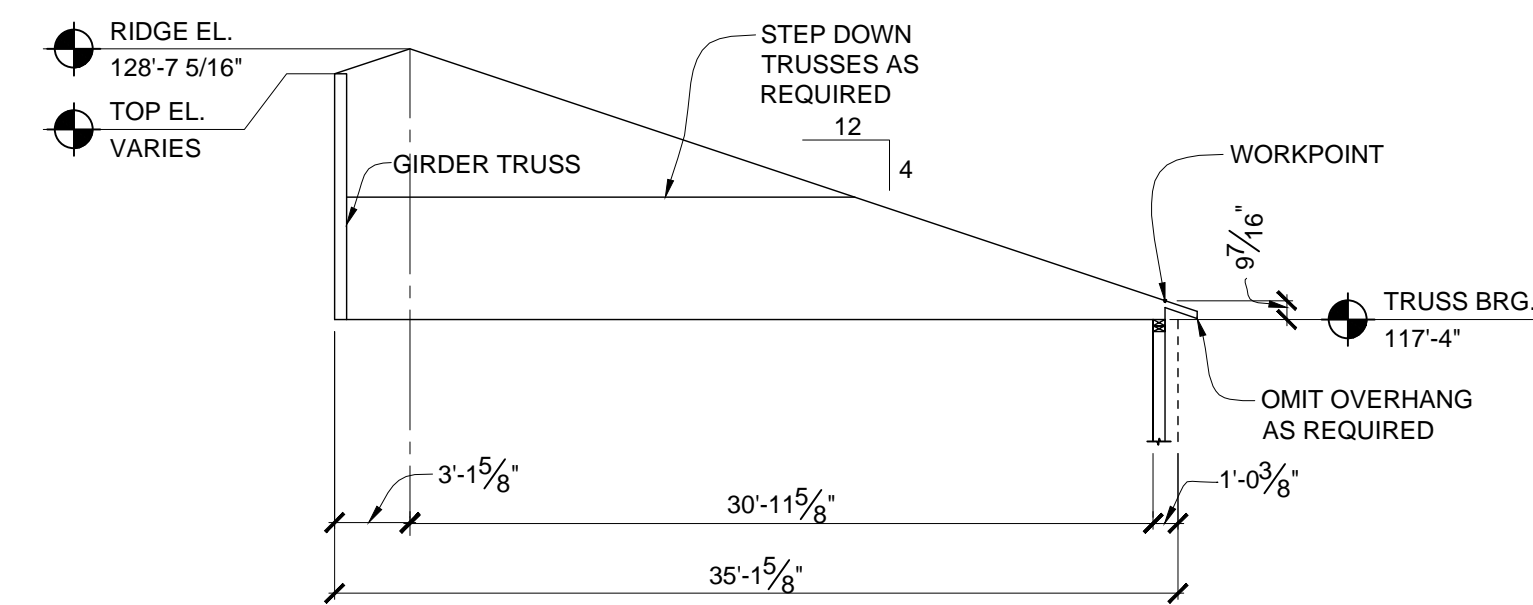
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Job Number	2009-05-01

Project Title	D
VA HOSPICE CARE UNIT	P

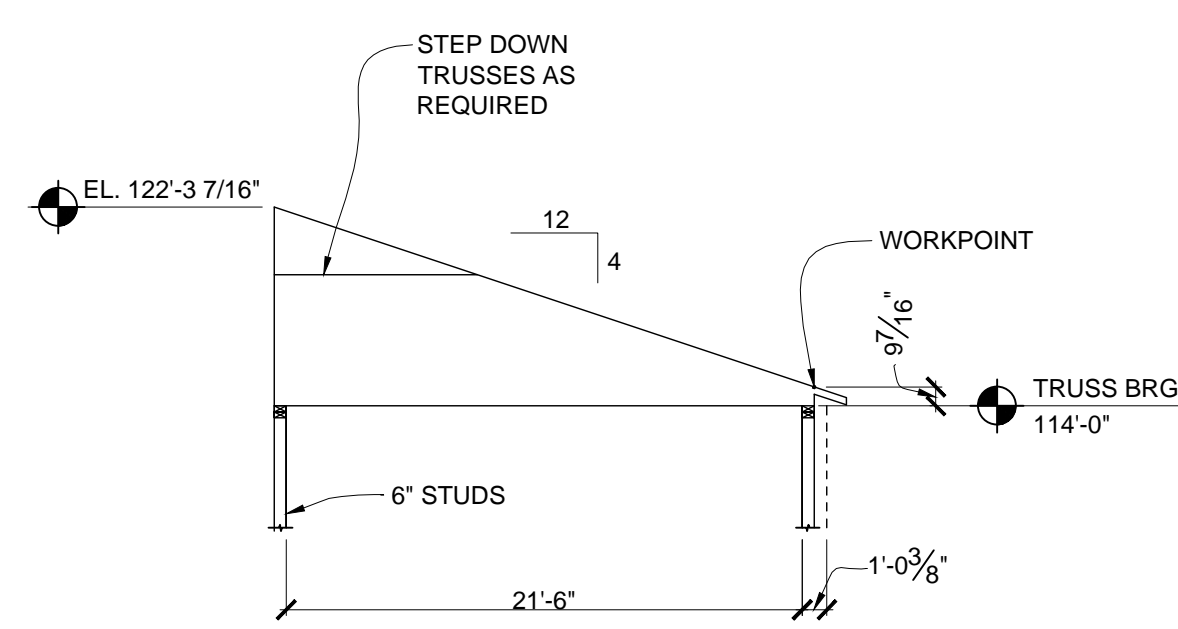
Drawn KORDA/NEMETH ENGINEERING, INC.	Building Number 86	AutoCAD File Name
Checked KORDA/NEMETH ENGINEERING, INC.	Reviewed KORDA/NEMETH ENGINEERING, INC.	Const. Contract

Date	09/20/2012
Project Number	557-CSI-375
DRAWING No.	S202
Dwg. ? Of	

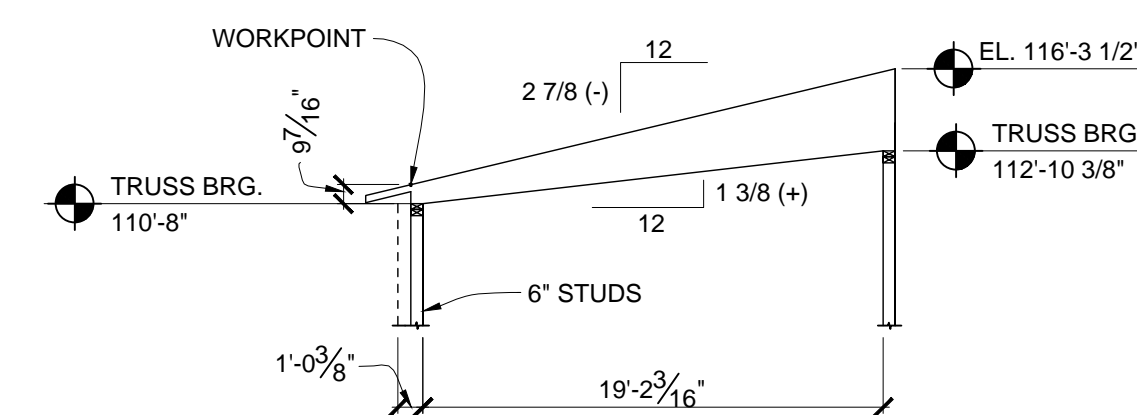




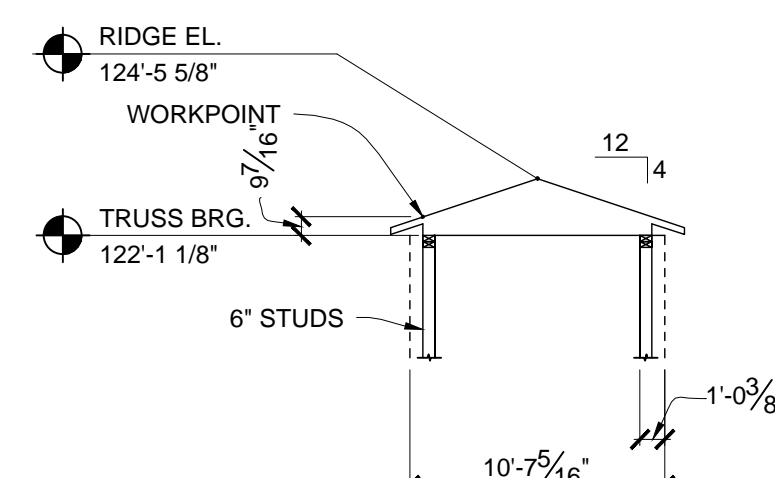
TRUSS T3



TRUSS T6



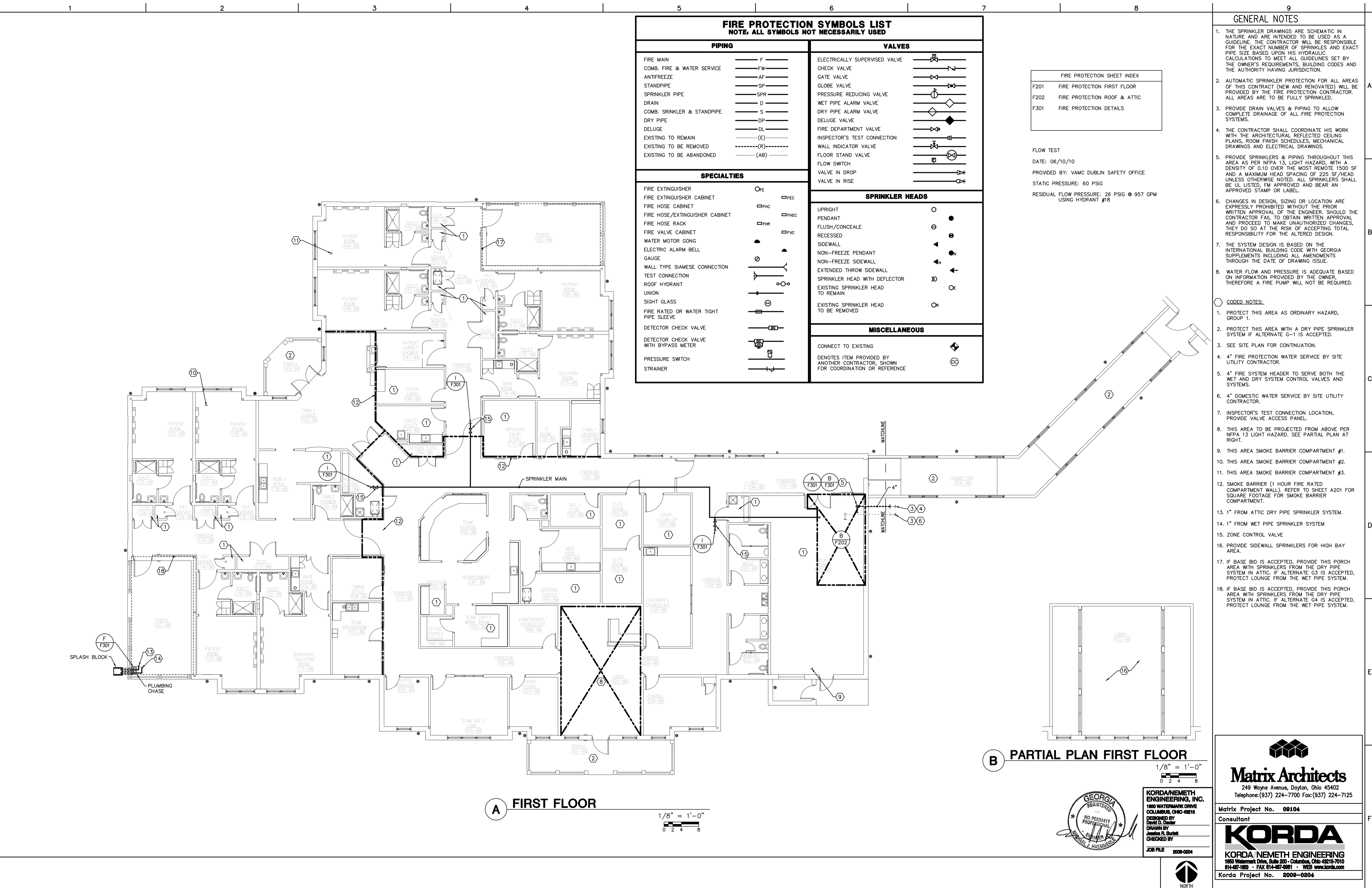
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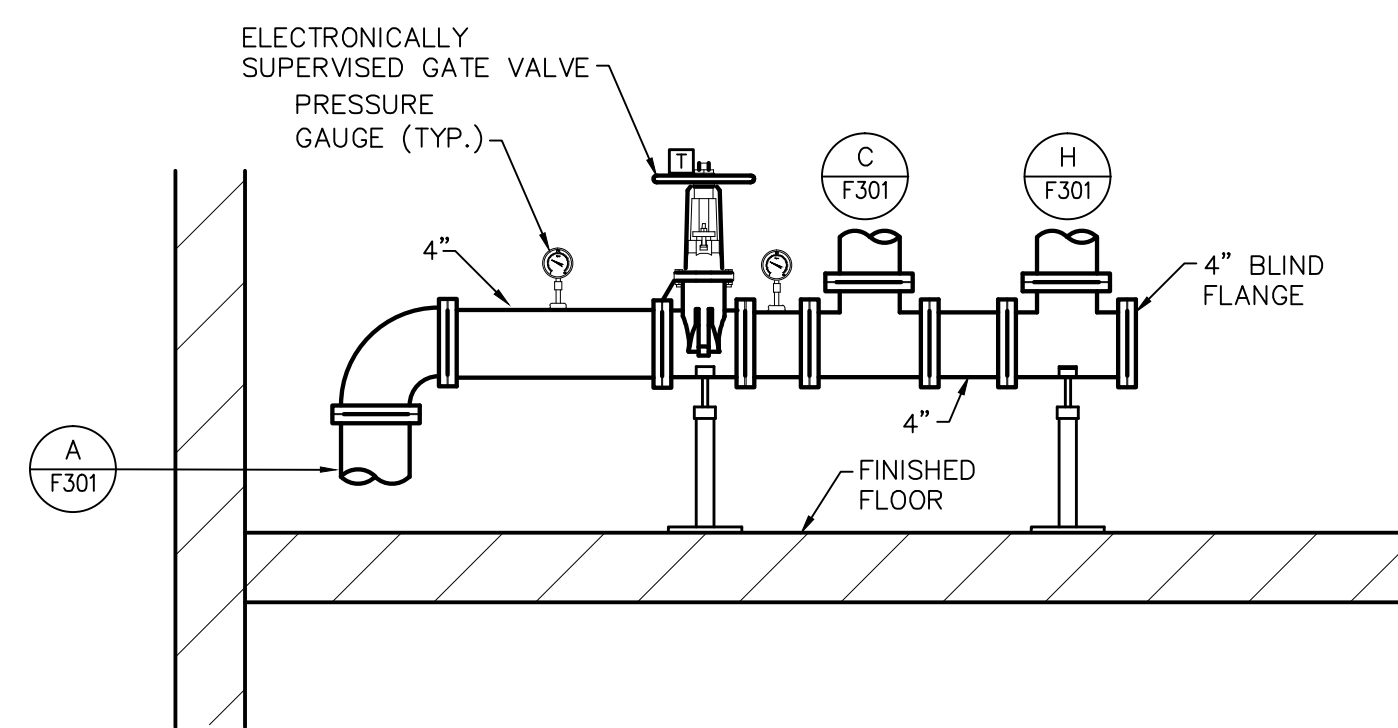
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VA Affairs

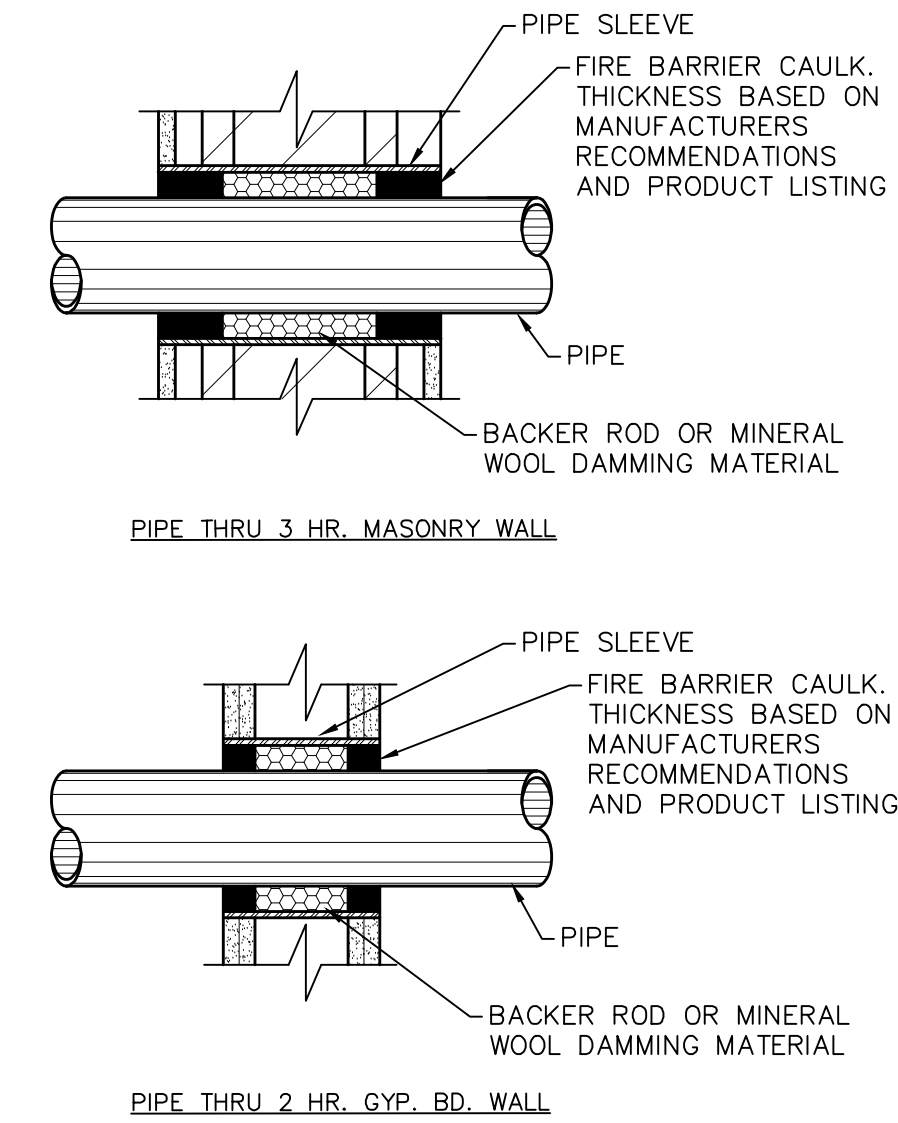
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



REVISIONS	Department of Veterans Affairs Medical Center 1826 Veterans Blvd. Dublin, Ga. 31021	SEAL	M. Smith ENGINEERING, LLC 155 CLARKESVILLE STREET CORNELIA, GEORGIA 30531 TEL: (706) 267-3880 LOCAL (706) 894-2331 FAX: (706) 267-3731 www.msmithengineering.com	Recommended Approvals:	Drawing Title FIRE PROTECTION FIRST FLOOR	Project Title VA HOSPICE CARE UNIT	Date 09/20/2012
1. REVISED/ADDED FOR REDDING				1. MEDICAL DIRECTOR	Submitted: CONSTRUCTION BID DOCUMENTS	Drawn: KORDA/NEMETH ENGINEERING, INC.	Project Number 567-CBI-376
				2. ASSOCIATE DIRECTOR	Job Number 2009-05-01	Building Number 86	DRAWING No. F201
				3. CHIEF OF STAFF		Checked: KORDA/NEMETH ENGINEERING, INC.	Dwg. Of
				4. ASSOC. DIRECTOR		Reviewed: KORDA/NEMETH ENGINEERING, INC.	
				5. SERVICE LINE MGRS.		Const. Contract	
				6. OPERATIONS SERVICE LINE			
				7. INFECTION CONTROL			
				8. SAFETY MANAGER			
				9. GENERAL ENGINEER			
				10. COTR			

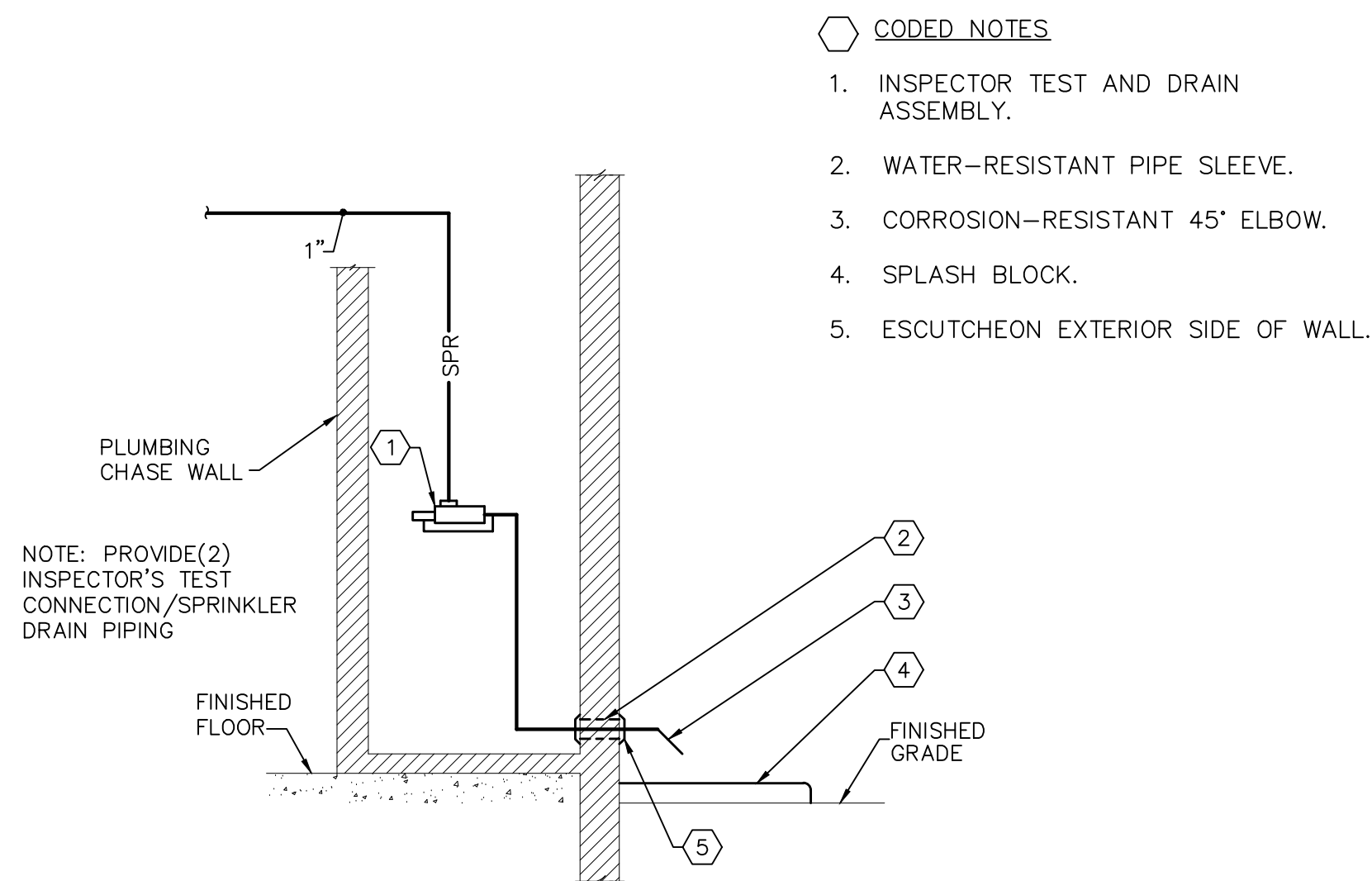


B	DETAIL	
	FIRE WATER SERVICE PIPING (ABOVE SLAB)	N.T.S.

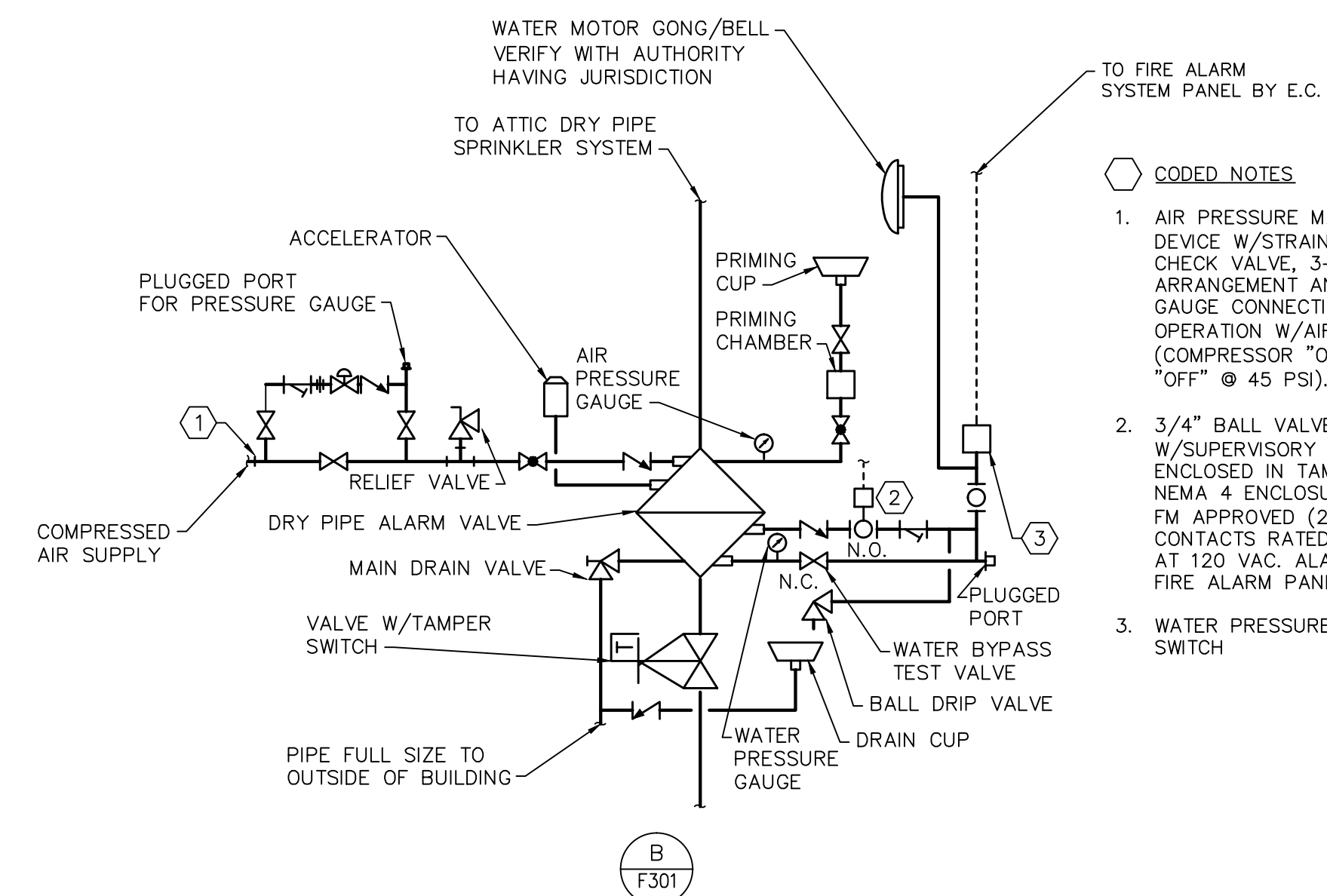


D DETAIL

WALL PENETRATIONS



DETAIL	
INSPECTOR'S TEST CONNECTION/ SPRINKLER DRAIN PIPING	N.T.S.



H	DETAIL	
	DRY PIPE SPRINKLER RISER PIPING	N.T.S.



**KORDA/NEMETH
ENGINEERING, INC.**
1650 WATERMARK DRIVE
COLUMBUS, OHIO 43215
DESIGNED BY
David D. Dexter
DRAWN BY
Jesse R. Burlett
CHECKED BY

JOB FILE 2008-0204

KORDA

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614-487-1650 • FAX 614-487-8981 • WEB www.korda.com
Korda Project No. 2009-0204



SEAL



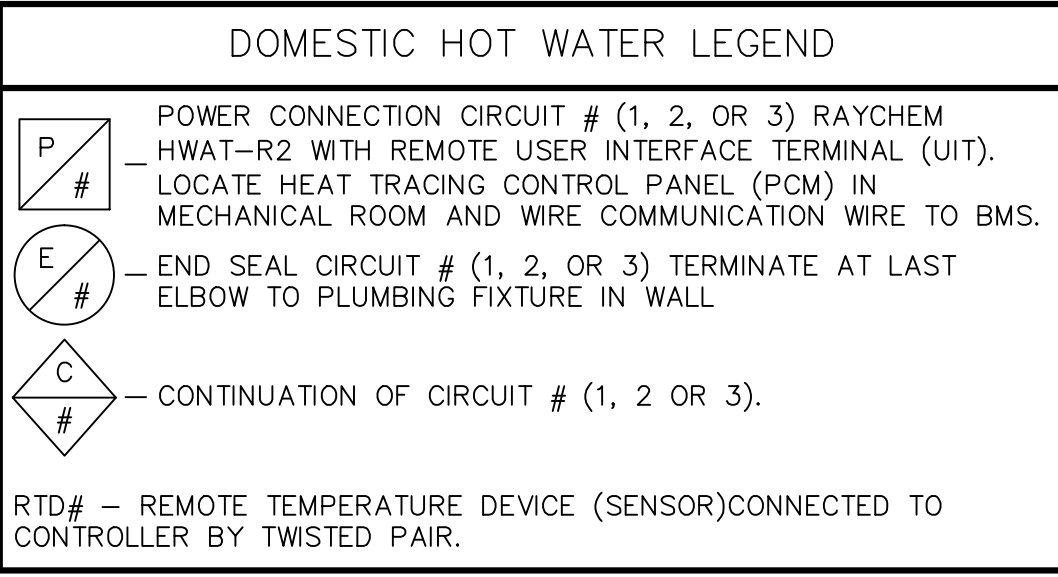
Drawing Title
FIRE PROTECTION DETAILS
Submittal:
CONSTRUCTION BID DOCUMENTS
Job Number
2009-05-01

Drawn	KORDA/NEMETH ENGINEERING, INC.
Checked	KORDA/NEMETH ENGINEERING, INC.


Building Number	86
Reviewed	KORDA/NEMETH ENGINEERING, INC.

AutoCAD File Name	
Const. Contract	


DRAWING No.
F301
Wg. Of



1/8" = 1'-0"



A horizontal scale bar with alternating black and white segments. Below the bar are numerical markers at 0, 2, 4, and 8.



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Drawing Title
PLUMBING FIRST FLOOR
Submittal:
CONSTRUCTION BID DOCUMENTS
Job Number
2009-05-01

Drawn KORDA/NEMETH ENGINEERING, INC.	Building Number 86
Checked KORDA/NEMETH ENGINEERING, INC.	Reviewed KORDA/NEMETH ENGINEERING, INC.

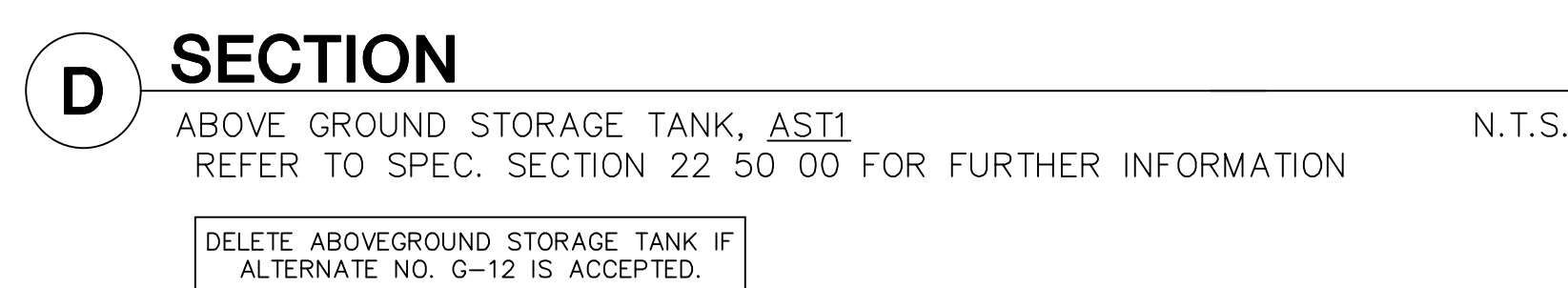
1. THIS SET OF DOCUMENTS IS AN ENGINEERED DESIGN.
2. THE CONTRACTOR SHALL INSTALL THE SYSTEMS AS SHOWN ON THESE DRAWINGS AND DESCRIBED IN THE ASSOCIATED SPECIFICATIONS.
3. IT IS EXPECTED THAT THE INSTALLATION SHALL COMPLY WITH THE CLEAR INTENT AND DESCRIPTION OF THE "APPROVED" CONTRACT DOCUMENTS. IT IS EXPECTED THAT INSPECTORS SHALL INSPECT BASED ON THE APPROVED SET OF DOCUMENTS WITHOUT EXCEPTION.
4. CHANGES IN DESIGN INTENT, SIZING OR MAJOR LOCATIONS ARE EXPRESSLY PROHIBITED WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER-OF-RECORD. SHOULD THE CONTRACTOR NEGLECT TO OBTAIN SUCH WRITTEN APPROVAL, PROCEEDING TO MAKE UNAUTHORIZED CHANGES, THEY DO SO AT THEIR OWN RISK, ACCEPTING TOTAL RESPONSIBILITY FOR THE ALTERED DESIGN.
5. THE SYSTEM DESIGN IS BASED ON THE LATEST EDITION OF THE INTERNATIONAL CODE, INCLUDING ALL AMENDMENTS THROUGH DATE OF DRAWING ISSUE.
6.  DRAINAGE:
 - LOADING FIXTURE UNIT ON SANITARY WASTE & VENT.
 - WATER FIXTURE UNIT ON DOMESTIC WATER
 - WATER CIRCULATION RATE, GPM
 - MBH ON NATURAL GAS
 - STORM WATER ROOF LOAD, SQUARE FEET
 - CFM FOR MEDICAL AIR AND MEDICAL VACUUM
 - CFM FOR OXYGEN
7. FINISHED GROUND FLOOR ELEVATION IS '100.00'. U.N.O. (UNLESS NOTED OTHERWISE)
8. ALL SANITARY PIPING SHALL SLOPE AT 1/8" PER FOOT. U.N.O. OR CODE MANDATED TO BE GREATER
9. ALL FLOOR DRAINS ARE CONSIDERED "EMERGENCY" UNLESS DFUS ARE ASSIGNED.

1. LOCATION OF MAIN MEDICAL GAS ALARM PANEL.
COORDINATE LOCATION W/ARCHITECT AND HOSPITAL STAFF.
2. LOCATION OF MEDICAL GAS ALARM PANEL AND MEDICAL GAS VALVE CABINET, SEE DETAIL G/P701.
3. 1/2" OXYGEN DRAIN IN WALL TO GAS OUTLET.
COORDINATE LOCATION OF GAS OUTLET, G04, WITH ARCHITECT.
4. 1-1/2" VACUUM AND 3/4" OXYGEN DRAIN IN WALL TO MEDICAL GAS VALVE CABINET AND MEDICAL GAS ALARM PANEL. VALVE CABINET AND ALARM PANEL OPEN TO CORRIDOR FOR VENTILATION AND ACCESS.
5. FOR CONTINUATION SEE SHEET P301.
6. SUSPEND 02 ABOVE CEILING IF ALTERNATE G-1 IS ACCEPTED.

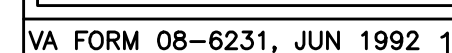


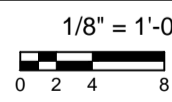


DETAIL	
OXYGEN PIPING	N.T.S.

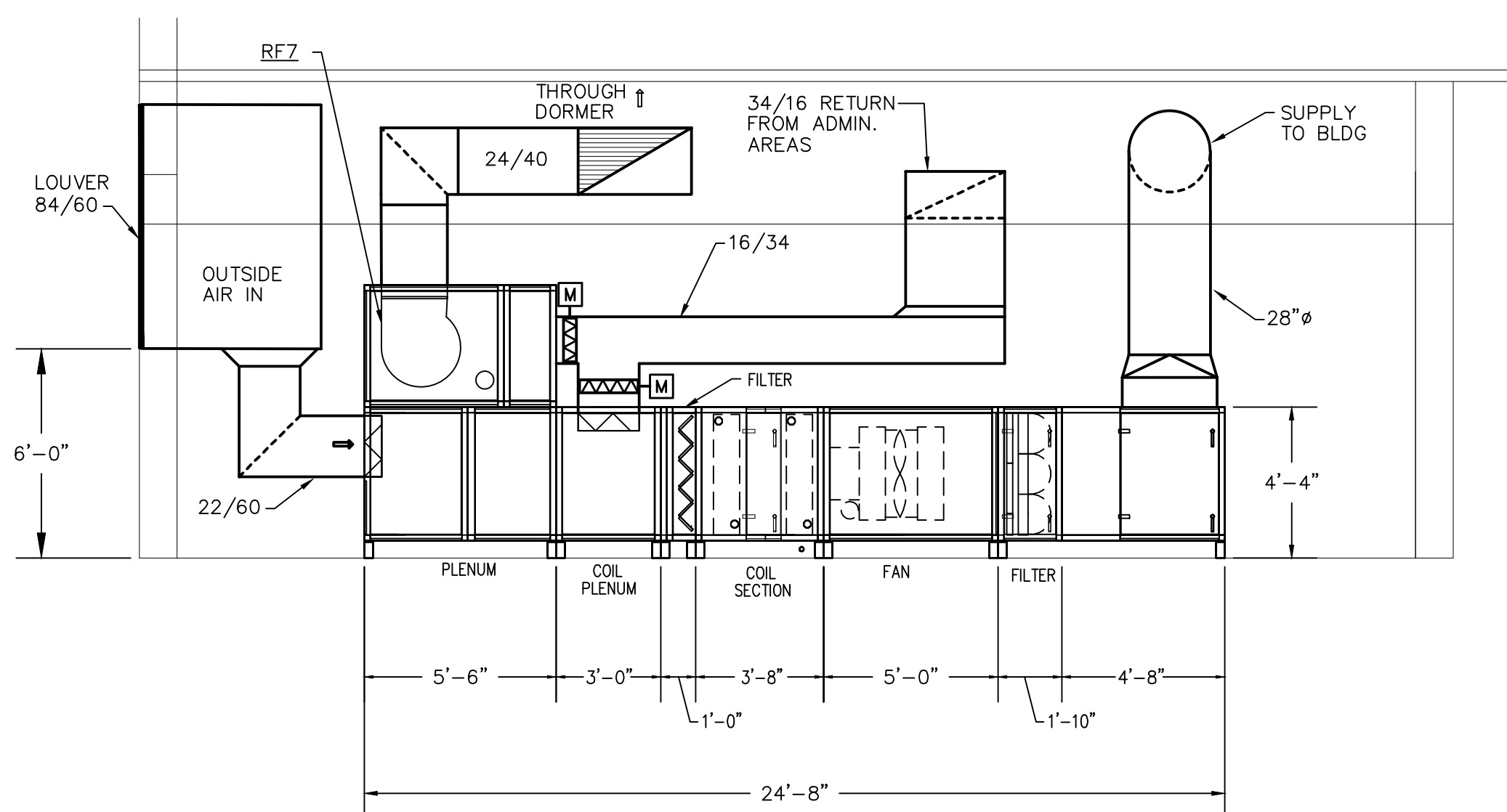


1. STEPS AND HANDRAILS.
2. OVERFILL ALARM (LITHIUM BATTERY POWERED).
3. MECHANICAL TANK GAUGE.
4. OVERFILL PREVENTION VALVE.
5. PRESSURE VACUUM VENT 3" W.C. PRESSURE SETTING & 8" W.C. VACUUM SETTING.
6. 8" CONNECTION FOR EMERGENCY VENT.
7. 4" CONNECTION FOR EMERGENCY VENT (INTERSTITIAL).
8. DROP TUBE.
9. 15 GALLON SPILL CONTAINMENT W/LOCKABLE LID, PVC CAP & 1/2" NPT DRAIN W/BRASS "T" PLUG.
10. 18" MANHOLE.
11. 2" THREADED CONNECTION FOR MONITORING PROBE.
12. 4" THREADED CONNECTION FOR FILL.
13. 2" THREADED CONNECTION FOR WORKING VENT.
14. 2" THREADED CONNECTION FOR 1" SUCTION LINE.





- VA FORM 08-6231, JUN 1992 1



1/4" = 1'-0"

0 1 2 4

A. THE UNIT IS NORMALLY STARTED AND STOPPED REMOTELY AT THE ECC. H-O-A SWITCH SHALL BE KEPT IN THE "AUTO" POSITION. THE "HANDY" AND "OFF" POSITIONS SHALL BE USED ONLY FOR MAINTENANCE WHEN THE UNIT IS TO BE STOPPED. THE AIR SHALL BE FULLY CLOSED AND THE RETURN AIR DAMPER SHALL BE FULLY OPEN. WHEN THE UNIT IS "ON" THE OUTSIDE AIR DAMPER, RELIEF AIR DAMPER AND RETURN AIR DAMPER SHALL BE INTERLOCKED TO WORK TOGETHER. THE NORMAL OPERATION IS TO HAVE THE DAMPERS SET TO ALLOW THE MINIMUM OUTSIDE AIR AS REQUIRED BY THE AIR HANDLING UNIT SCHEDULE. THESE SETPOINTS SHALL BE SET WITH THE HELP OF A CERTIFIED AIR BALANCER. WHEN THE OUTSIDE AIR TEMPERATURE DROPS BELOW 55 DEGREES, THE THREE DAMPERS SHALL MODULATE TOGETHER TO ALLOW MORE OUTSIDE AIR IN FOR AN ECONOMIZER OPERATION. THE OUTSIDE AIR DAMPER SHALL NEVER BE MORE CLOSED THAN DURING THE NORMAL OPERATION.

B. THE SUPPLY AIR TEMPERATURE AS SENSED BY THE DISCHARGE AIR SENSOR, SHALL BE MAINTAINED BY MODULATING THE THREE WAY VALVE SERVING CHILLED WATER COIL AND BY MODULATING THE HEATING COIL CONTROL VALVE. THE CONTROL SYSTEM SHALL NOT ALLOW SIMULTANEOUS HEATING AND COOLING.

C. THE SUPPLY AIR FLOW SHALL BE CONTROLLED BY THE DIGITAL CONTROL PANEL MODULATING THE SUPPLY FAN VARIABLE SPEED MOTOR CONTROLLER TO MAINTAIN 0.8" OF DUCT STATIC PRESSURE (FIELD ADJUSTABLE). SENSED BY TWO STATIC PRESSURE SENSORS LOCATED APPROXIMATELY TWO THIRDS OF THE MAIN DUCTWORK RUN. THE FAN IS TO BE MODULATED TO MAINTAIN THE STATIC PRESSURE SETPOINT SHALL BE RESET BASED ON ACTUAL BUILDING LOAD BY POLLING AT TERMINAL BOX CONTROLLERS.

D. WHEN SMOKE IS DETECTED BY A DUCT SMOKE DETECTOR, THE SUPPLY AND RETURN FANS SHALL SHUT "OFF" AND AN ALARM SIGNAL SHALL BE TRANSMITTED TO THE FIRE ALARM SYSTEM. ALL SMOKE DAMPERS IN THE SUPPLY AND RETURN DUCTS SHALL CLOSE. SMOKE DAMPERS IN THE EXHAUST DUCTWORK WILL REMAIN OPEN AND THE EXHAUST FAN SHALL CONTINUE TO RUN.

E. UPON FAILURE OF A VARIABLE FREQUENCY DRIVE, THE SUPPLY AND RETURN FANS SHALL BE STARTED/STOPPED MANUALLY AT THE DIGITAL CONTROL PANEL THROUGH THE BY-PASS STARTER. FANS SHALL THEN BE OPERATED AT CONSTANT SPEED.

F. IF THE STATIC PRESSURE DROP FROM ANY OF THE TWO FILTER STATUS IS GREATER THAN THE FINAL FILTER PRESSURE LOSS, 1.5" W.G. AT 1000 CFM AND 120 DEGREES F, THEN AN ALARM SIGNAL SHALL BE SENT TO THE CENTRAL BAS SYSTEM.

G. THE TWO STEAM CONVERTERS SHALL BE ENABLED AND DISABLED BY THE CENTRAL BAS SYSTEM. THE TWO CONTROL VALVES, W AND X, SHALL BE MODULATED TO MAINTAIN A DISCHARGE WATER TEMPERATURE SETPOINT OF 180 DEGREES F. IF THE DISCHARGE WATER TEMPERATURE IS LESS THAN 150 DEGREES FOR MORE THAN 3 MINUTES (ADJUSTABLE), THEN THE STANDBY HEAT EXCHANGER SHALL BE STARTED.

1/4" = 1'-0"



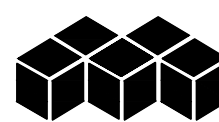
0 1 2 4



 CODED NOTES:

1. 1-1/2" LPS LINE DOWN TO DOMESTIC WATER HEATER. PROVIDE ISOLATION VALVE FOR EACH HEATER.
2. 3/4" MPS LINE DOWN TO PUMP TRAP AS MOTIVE STEAM. PIPE CONDENSATE DISCHARGE TO CONDENSATE RECEIVER LOCATED UNDERNEATH THE HEAT EXCHANGERS.
3. APPROXIMATE LOCATION OF MAKE-UP WATER LINE. SEE PLUMBING DRAWINGS FOR CONTINUATION.
4. PROVIDE PIT IN FLOOR AND ACCESS DOOR FOR STEAM AND CONDENSATE LINES WHERE THE TURN UP INTO THE ROOM OCCURS. INSTALL THERMODYNAMIC TYPE TRAP. STEAM MAIN DRY AND EXTEND 3/4" CONDENSATE LINE TO CONDENSATE RECEIVER LOCATED UNDERNEATH THE HEAT EXCHANGERS.

Revised per VA Comments 2/7/2012



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Korda Project No. 2009-0204

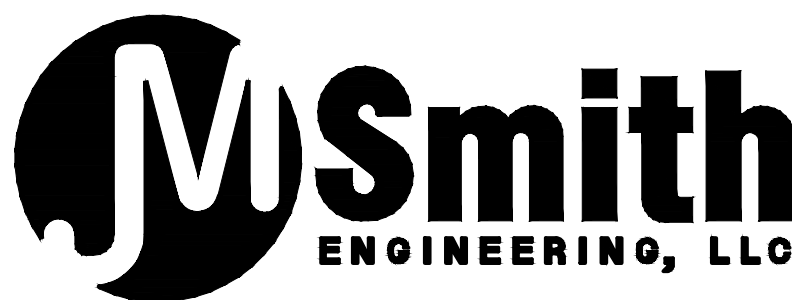


**KORDA/NEMETH
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WPS
DRAWN BY
WPS
CHECKED BY
JOB FILE 2009-0204

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**Department of Veterans Affairs
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Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title

HVAC ENLARGED PLANS

Submittal:

Job Number 2009-05-01

Project Title

VA HOSPICE CARE UNIT

Drawn KORDA/NEMETH	Building Number 86
-----------------------	-----------------------

Checked KORDA/NEMETH ENGINEERING INC	Reviewed KORDA/NEMETH ENGINEERING INC
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Date _____

09/20/201

Project Number
557-CSI-37


DRAWING No.

H4C
Dwg. Of

PRESSURE REDUCING VALVE SCHEDULE										
TAG	LOCATION	MODEL	DUTY	CAPACITY		INLET PRESSURE (PSIG)	OUTLET PRESSURE (PSIG)	INLET SIZE (INCH)	OUTLET SIZE (INCH)	REMARKS
				LBS/HR	MBH					
PRV1	MECHANICAL ROOM	1"	PRES. REDUCING	1250	1168	100	50	1-1/4	1-1/4	FULL PORT
PRV2	MECHANICAL ROOM	1-1/4"	PRES. REDUCING	1250	1168	50	25	1-1/2	1-1/2	FULL PORT

STEAM TRAP SCHEDULE								
TAG	LOCATION	SIZE	TRAP TYPE	WORKING PRESSURE (PSIG)	CAPACITY (PPH)	TRAP DIFFERENTIAL PRESSURE (PSIG)	ORIFICE SIZE (IN.)	REMARKS
ST1/ST2	MECHANICAL ROOM	2"	F&T	25	900	1/4	0.875	
ST3	MECHANICAL ROOM	3/4"	F&T	25	37	2	0.067	STEAM MAIN TRAP
ST4	MECHANICAL ROOM	1"	TRAP / PUMP	25	348	5	N/A	50 PSIG MOTIVE STEAM

PRESSURE POWERED PUMP SCHEDULE							
TAG	LOCATION	MOTIVE STEAM	INLET	OUTLET	MIN. HEAD	CAPACITY LB/HR	REMARKS
PPP1	MECHANICAL ROOM	50 PSIG	1"	1"	6"	2000	



Department of Veterans Affairs
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 Dublin, Ga. 31021



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ENGINEERING, LLC

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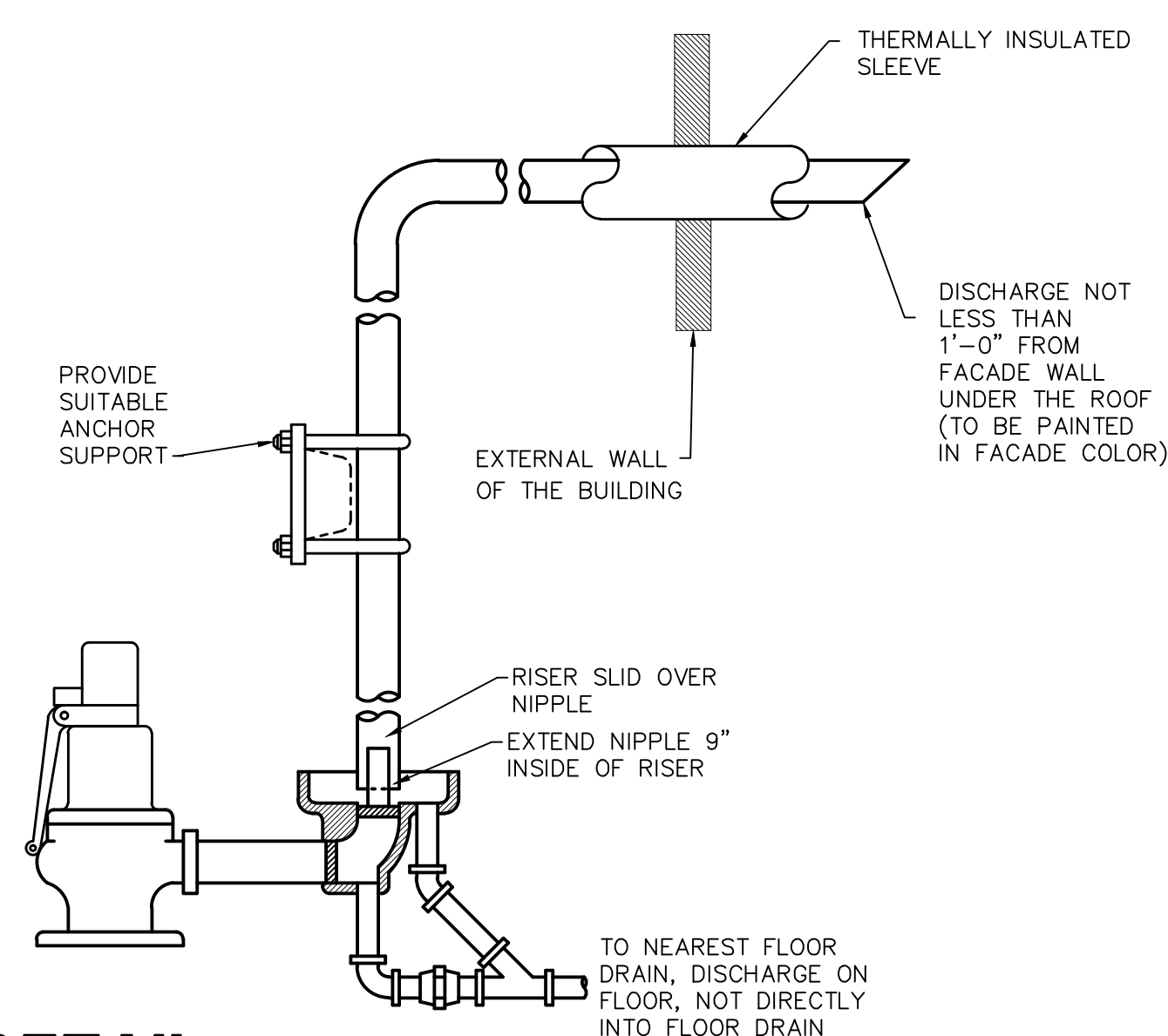
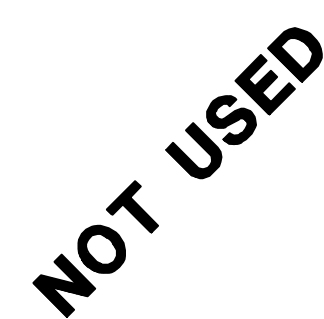
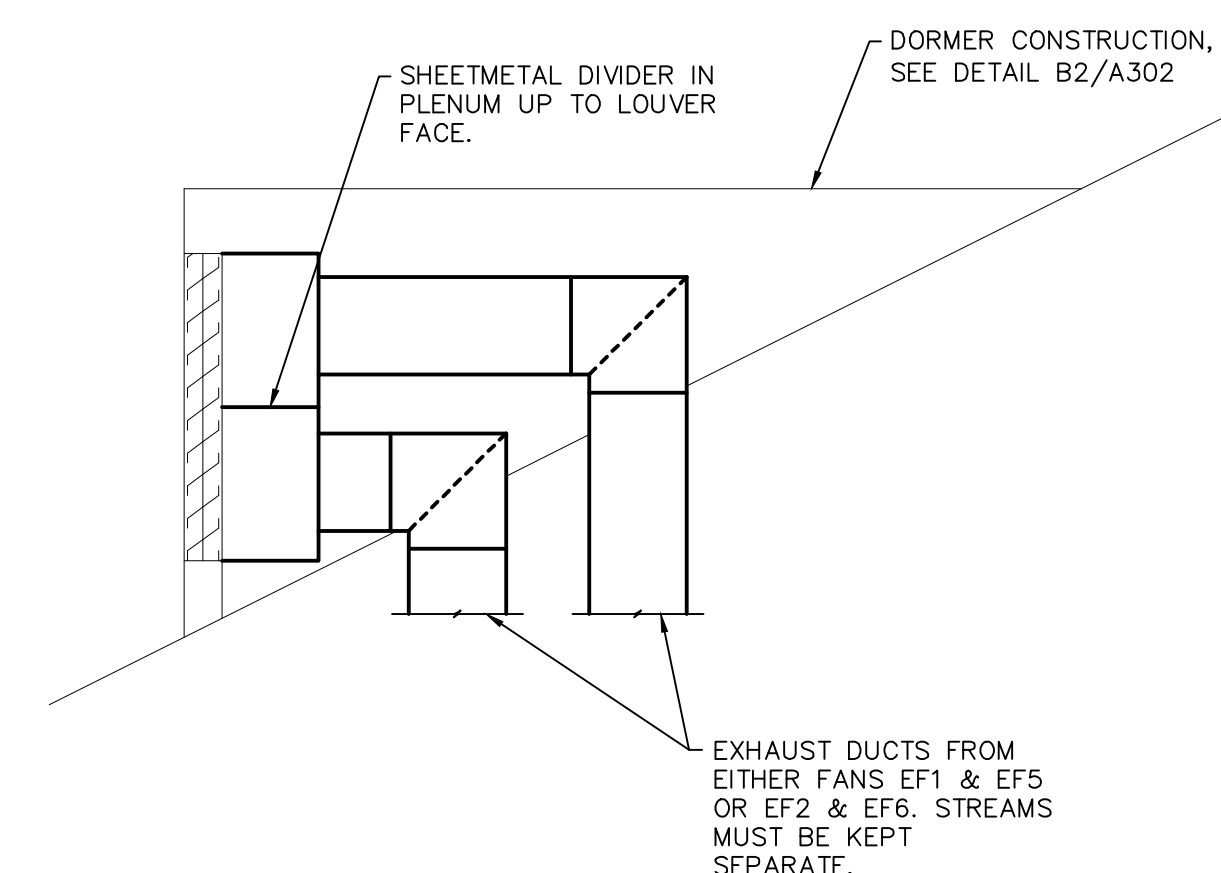
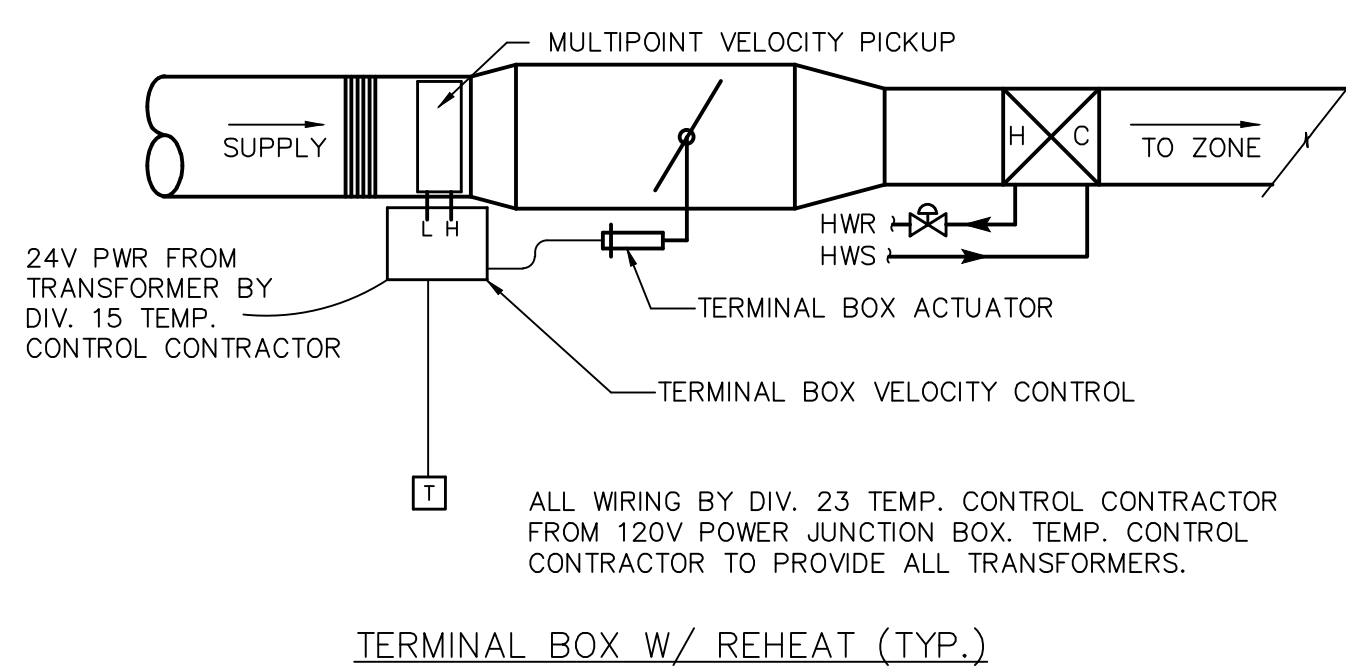
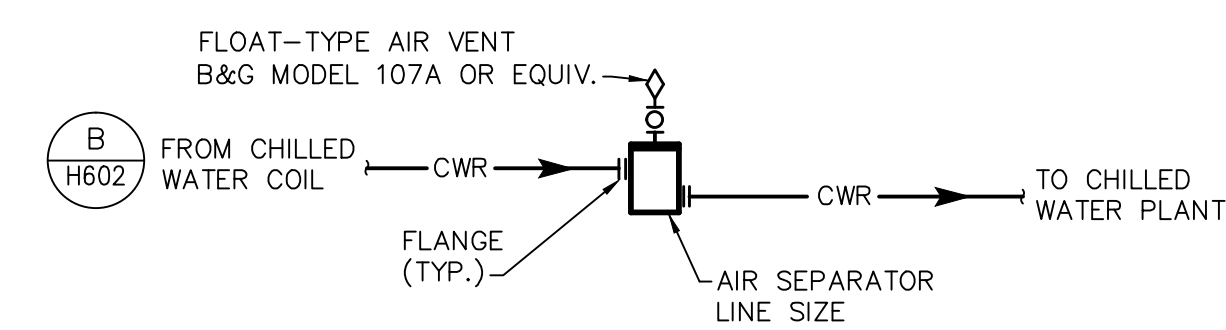
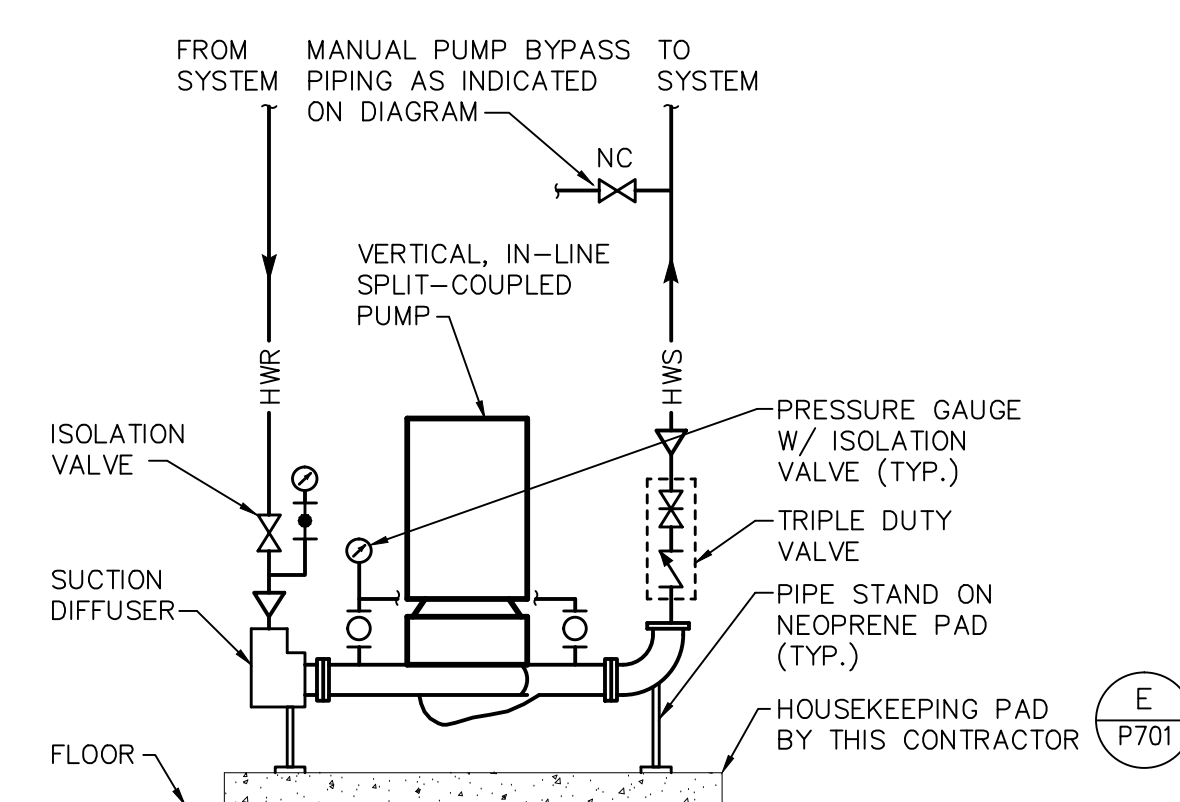
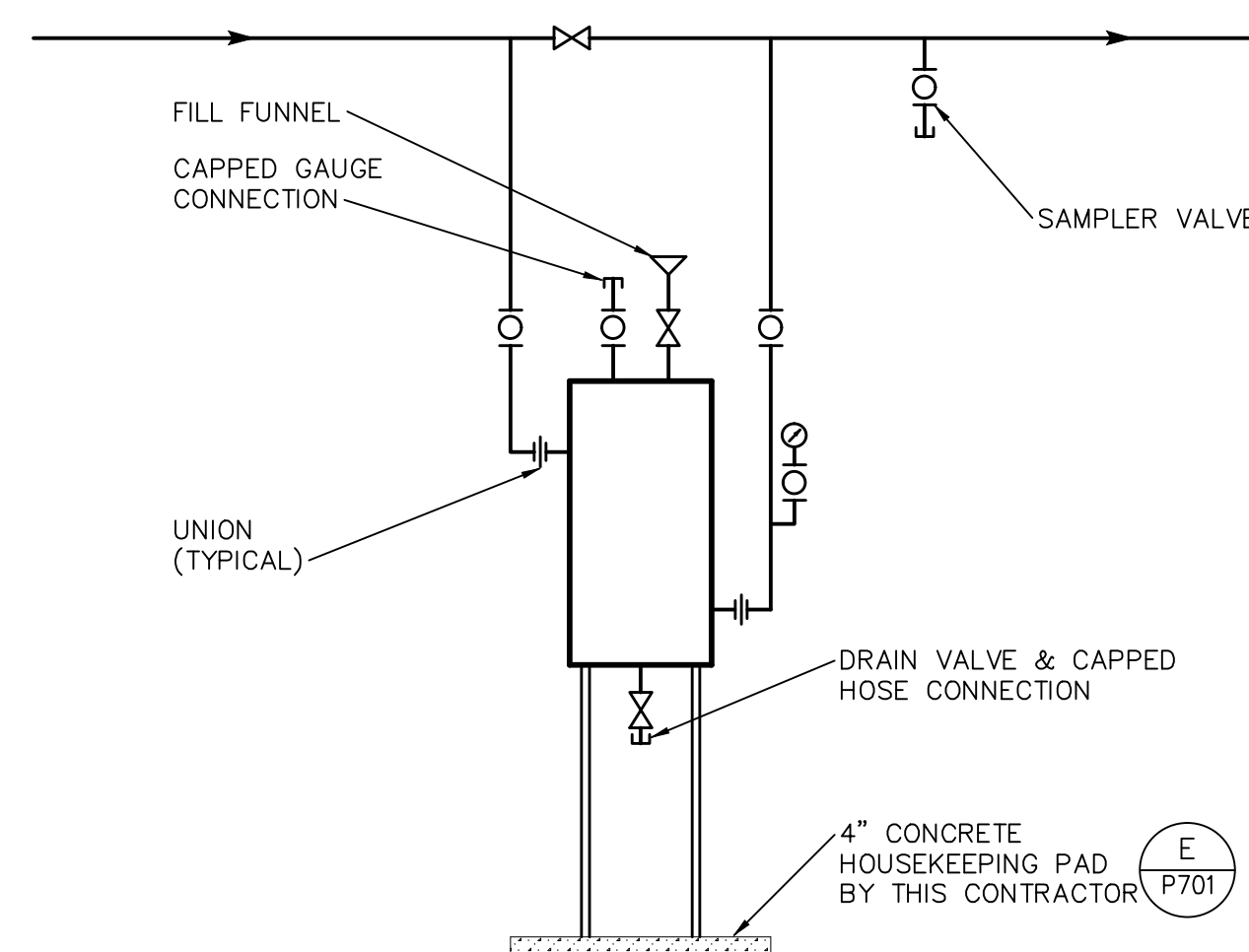
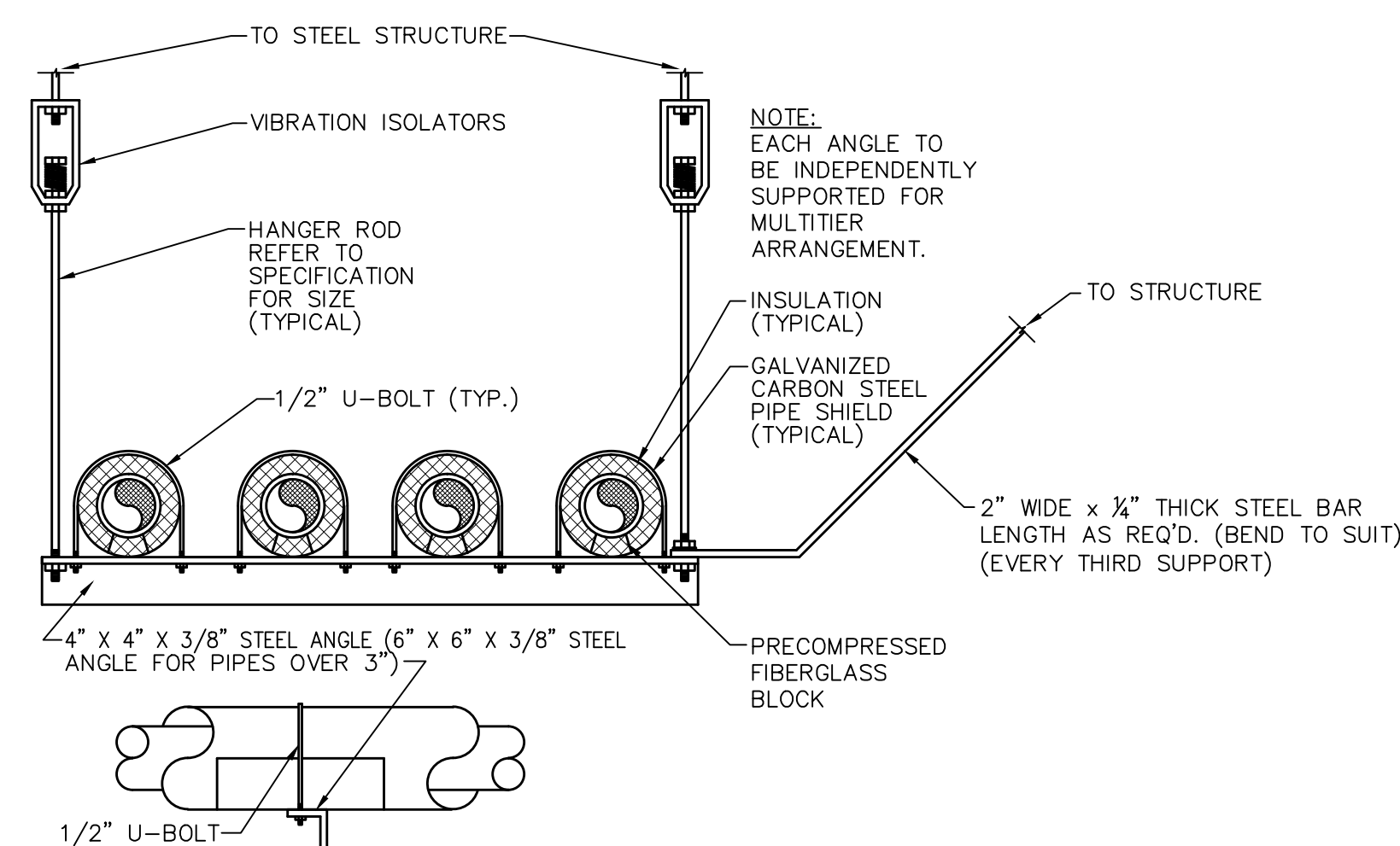
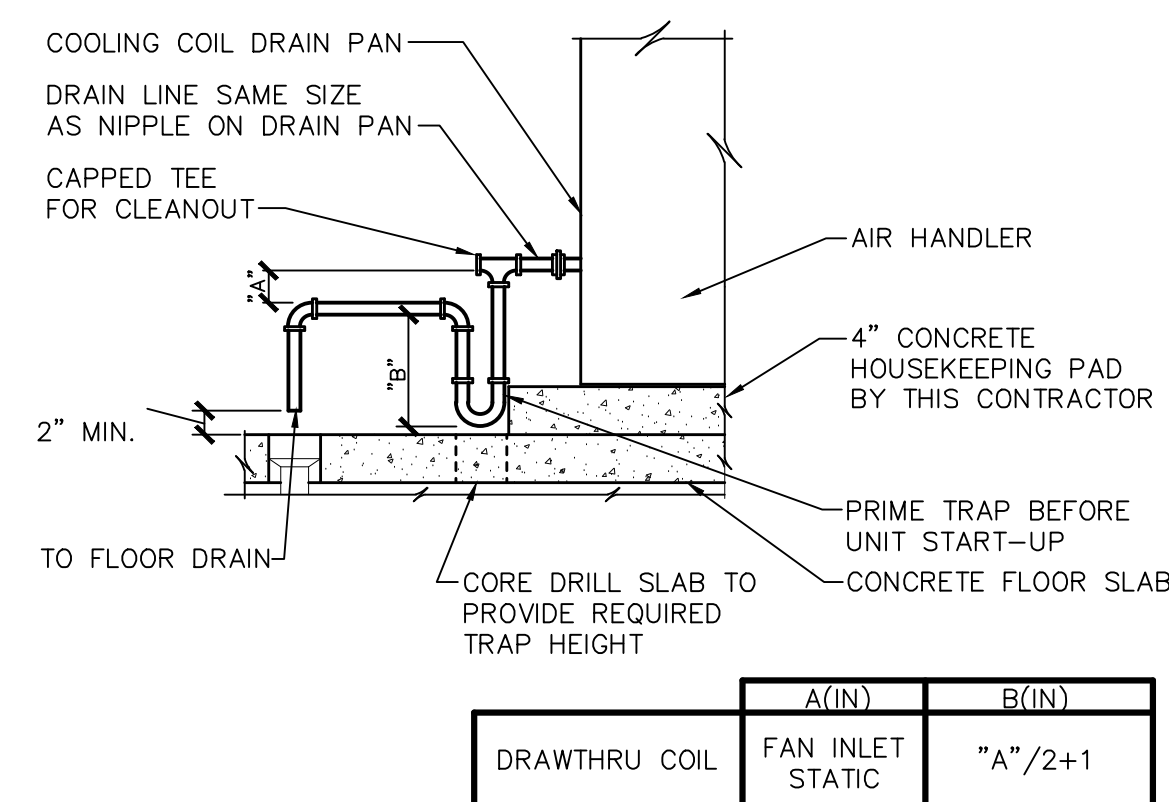
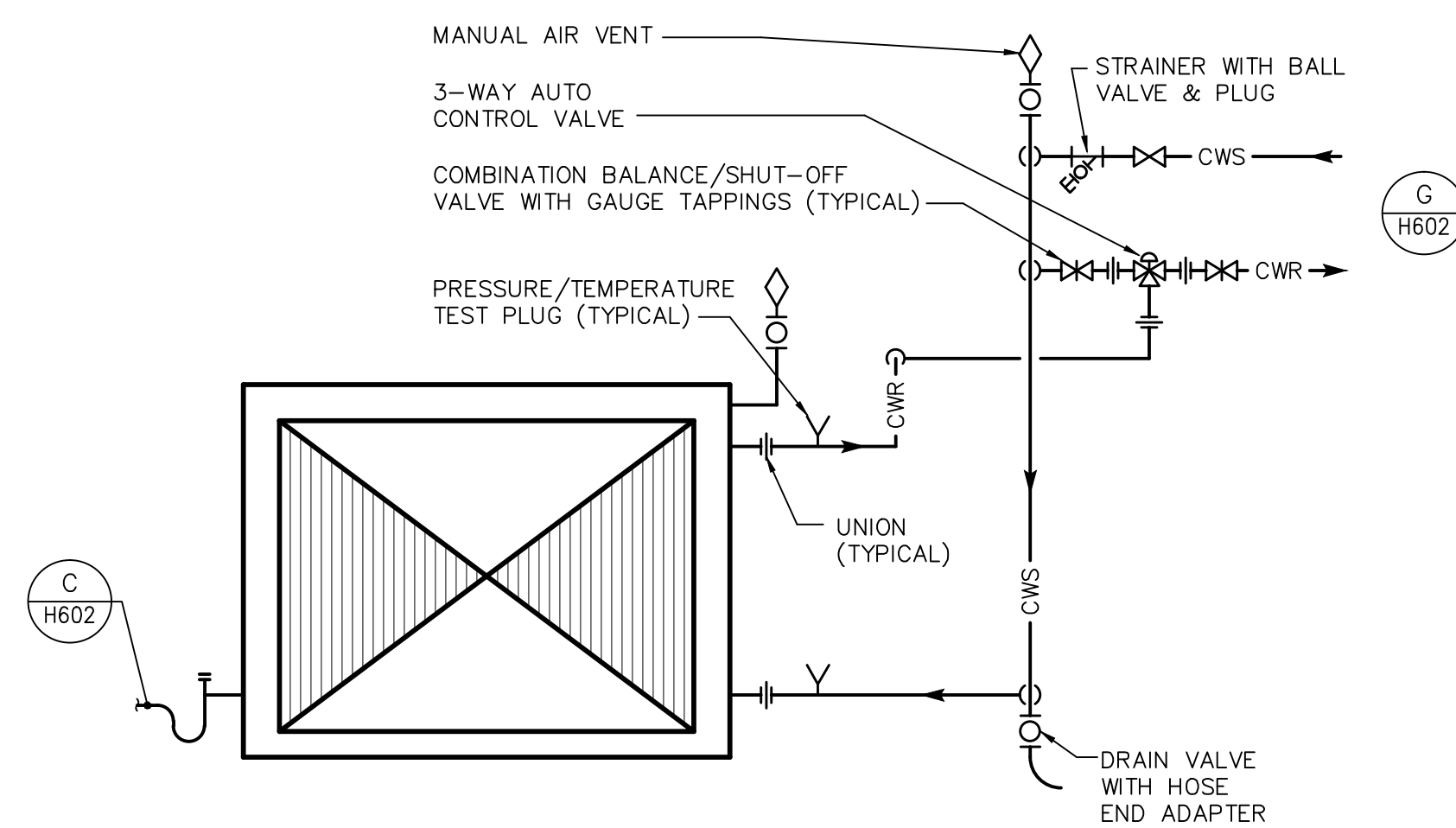
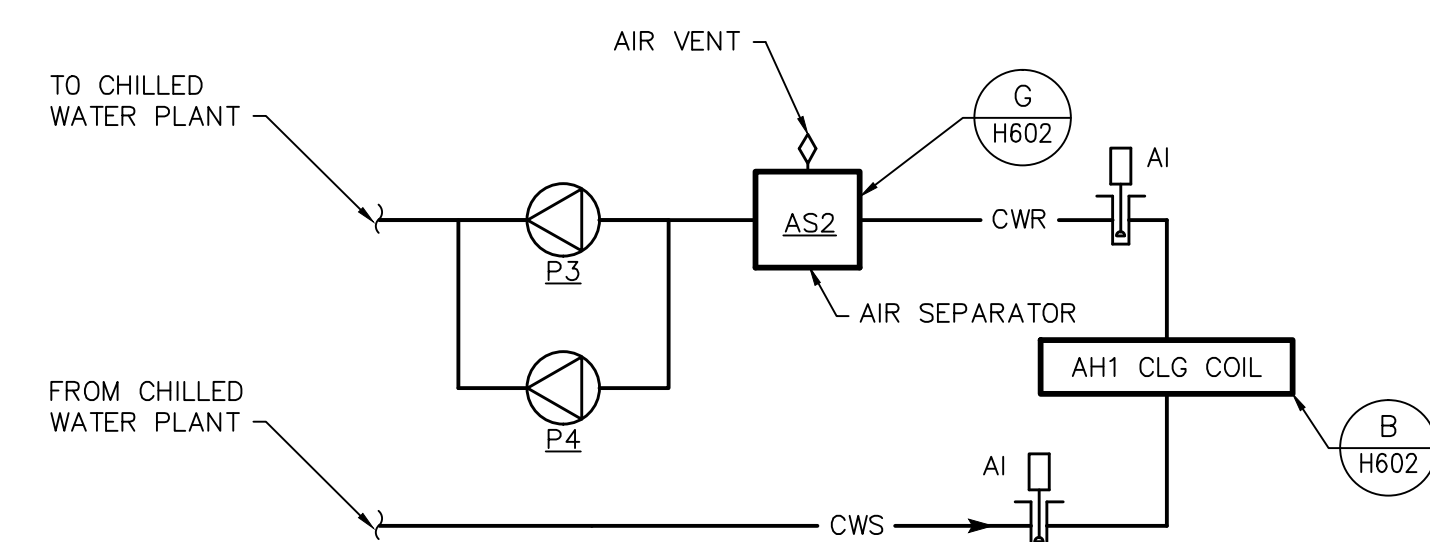
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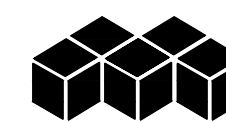
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HVAC SCHEDULES
Submittal:
CONSTRUCTION BID DOCUMENTS
Job Number
2009-05-01

Date	09/20/2012
Project Number	557--CSI--375
DRAWING No.	H502
Dwg.	Of

VA
Veterans Affairs



Revised per VA Comments 2/7/2012



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Korda Project No. 2009-0204



<u>REVISION NO.</u>	<u>REVISION DESCRIPTION</u>	
1	REVISED/ADDED FOR REBIDDING	06/29/2017
Revisions		By Date



Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021

SEAL



Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title
HVAC DETAILS
Submittal:
CONSTRUCTION BID DOCUMENTS
Job Number
2009-05-01

Project Title	VA HOSPICE CARE UNIT
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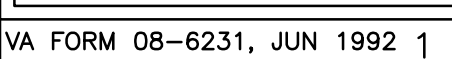
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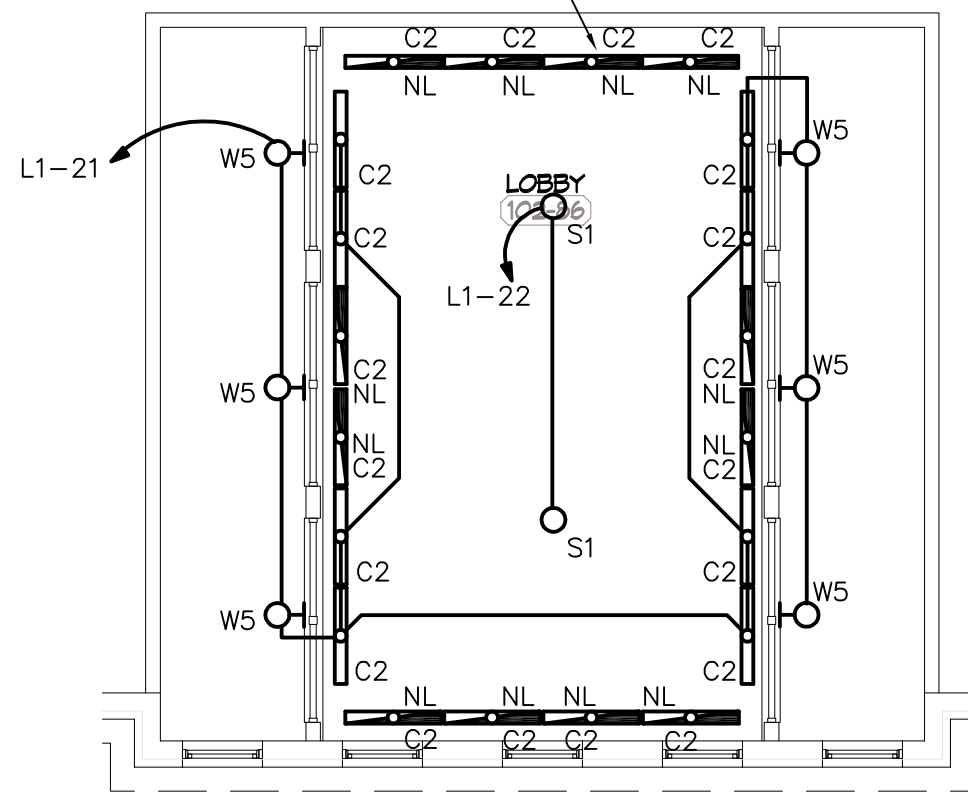
DRAWING No.
H602
Dwg. ? Of





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$$1/8'' = 1'-0''$$
Page 2 of 2

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**Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021**

SEAL



Recommended	Approvals:
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title
**FIRST FLOOR
POWER PLAN**

Submittal:
CONSTRUCTION BID DOCUMENT

Job Number
2009-05-01

Project Title		
VA HOSPICE CARE UNIT		

Drawn KORDA/NEMETH ENGINEERING, INC.	Building Number 86
Checked KORDA/NEMETH ENGINEERING, INC.	Reviewed KORDA/NEMETH ENGINEERING, INC.

Date	09/20/2012
Project Number	557-CSI-375
DRAWING No.	
E301	
Dwg.	? Of

GENERAL NOTES

GENERAL NOTES

1. REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN THE DIVISION 26 CONTRACT.
2. COORDINATE EXACT LOCATIONS OF EQUIPMENT AND DIVISION 23 DRAWINGS. VERIFY EXACT WIRING AND CONNECTION REQUIREMENTS WITH SUBMITTAL DOCUMENTS PRIOR TO INSTALLATION. SPECIFICALLY OUTLET TYPES SHALL BE VERIFIED BEFORE ORDERING. ALL ELECTRICAL WORK SHOWN HEREIN MUST BE VERIFIED AND COORDINATED IN FIELD BEFORE INSTALLATION.
3. REFER TO ARCHITECTURAL ELEVATIONS FOR EQUIPMENT OUTLET MOUNTING HEIGHTS.
4. ALL CONDUITS IN AREAS WITHOUT SUSPENDED CEILINGS SHALL BE RUN INCONSPICUOUSLY AS POSSIBLE, HIDDEN BEHIND BEAMS, WALLS, ETC. OBTAIN APPROVAL OF CONDUIT RUNS BELOW BEAMS WITH OWNER'S REPRESENTATIVE.
5. ALL DEVICES SHOWN ON THE EXTERIOR OF THE BUILDING SHALL BE WEATHERPROOF TYPE.
6. REFER TO ARCHITECTURAL DOOR SCHEDULES FOR HARDWARE TYPES AND ETC. FOR ELECTRICAL DEVICES INSTALLED AT DOORS.
7. PROVIDE ALL FINAL POWER CONNECTIONS TO EQUIPMENT. PROVIDE ALL CONDUIT, DEVICE AND WIRING CONNECTIONS TO EQUIPMENT UNLESS NOTED OTHERWISE.
8. ADD "86" AS A PREFIX TO ALL BRANCH CIRCUIT NUMBERS, EXAMPLE 86P1-1.

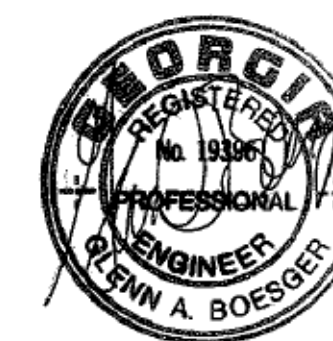
 CODED NOTES

1. RECEPTACLE FOR VENDING MACHINE (120 V, 1 ø).
2. RECEPTACLE FOR MICROWAVE (120 V, 1 ø).
3. RECEPTACLE FOR REFRIGERATOR (120 V, 1 ø).
4. RECEPTACLE FOR DISHWASHER (120 V, 1 ø).
5. MOUNT DEVICE IN CASEWORK. VERIFY IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
6. RECEPTACLE FOR COPIER (120 V, 1 ø).
7. RECEPTACLE FOR DRUG DISPENSER (120 V, 1 ø).
8. RECEPTACLE FOR ICE MAKER (120 V, 1 ø).
9. RECEPTACLE FOR DRYER (208 V, 1 ø).
10. RECEPTACLE FOR WASHING MACHINE (208 V, 1 ø).
11. RECEPTACLE FOR ELEC. WATER COOLER (120 V, 1 ø).
12. RECEPTACLE FOR BLANKET WARMER (120 V, 1 ø).
13. MAIN FIRE ALARM PANEL (120 V, 1 ø).
14. FIRE ALARM LOCAL ANNUNCIATOR (120 V, 1 ø).
15. ELECTRIC HEATER (120V, 1 ø).
16. JUNCTION BOX FOR POWER CONNECTION TO MEDICAL GAS PANEL (120 V, 1 ø).
17. GARBAGE DISPOSAL (120 V, 1 ø).
18. RECEPTACLE FOR TV (120 V, 1 ø).
19. GENERATOR ANNUNCIATOR PANEL.
20. NURSE CALL SYSTEM MASTER.
21. PAGING/MUZAK SYSTEM CONTROL PANEL.
22. GRAPHICAL DOOR ANNUNCIATOR PANEL.
23. JUNCTION BOX FOR POWER CONNECTION TO IT EQUIPMENT (120 V, 1 ø).
24. CEILING MOUNTED RECEPTACLE FOR PATIENT LIFT (120 V, 1 ø). COORDINATE EXACT LOCATION WITH PATIENT LIFT SUPPLIER.
25. RECEPTACLE FOR IV POLES (120 V, 1 ø).
26. JUNCTION BOX FOR POWER CONNECTION TO AUTOMATIC DOOR OPERATOR MOUNTED ABOVE DROPPED CEILING (120 V, 1 ø).
27. TAMPER RESISTANT RECEPTACLES.
28. CEILING MOUNTED RECEPTACLE FOR PROJECTOR.
29. POWER FOR MOTORIZED PROJECTION SCREEN (120 V, 1 ø).
30. JUNCTION BOX FOR POWER CONNECTION TO HVAC CONTROLS (120 V, 1 ø).
31. EXTEND 3"-4", 4"-2", 6"-1 1/2" and 10-1" CONDUITS AS SHOWN ABOVE THE DROPPED CEILING.
32. EXTEND 2"-4", 2"-2", 3-1 1/2" and 6-1" CONDUITS AS SHOWN ABOVE THE DROPPED CEILING.
33. INTERCOM SYSTEM CONTROL PANEL (120 V, 1 ø).

 CODED NOTES - CONTINUED

- CODED NOTES - CONTINUED

50. NOT USED.
51. JUNCTION BOX FOR POWER CONNECTION TO COMBINED DAMPERS (120 V, 1 ϕ).



**KORDA/NEMETH
ENGINEERING, INC.**
1650 WATERMARK DRIVE
COLUMBUS, OHIO 43215
DESIGNED BY
F. ALKHAIRI
DRAWN BY
C. WEFLER
CHECKED BY
E. KUNDLA
JOB FILE 2009-0204



Matrix Architects

249 Wayne Avenue, Dayton, Ohio 45402
Telephone: (937) 224-7100 Fax: (937) 224-7125

Matrix Project No. 09104

Consultant

KORDA

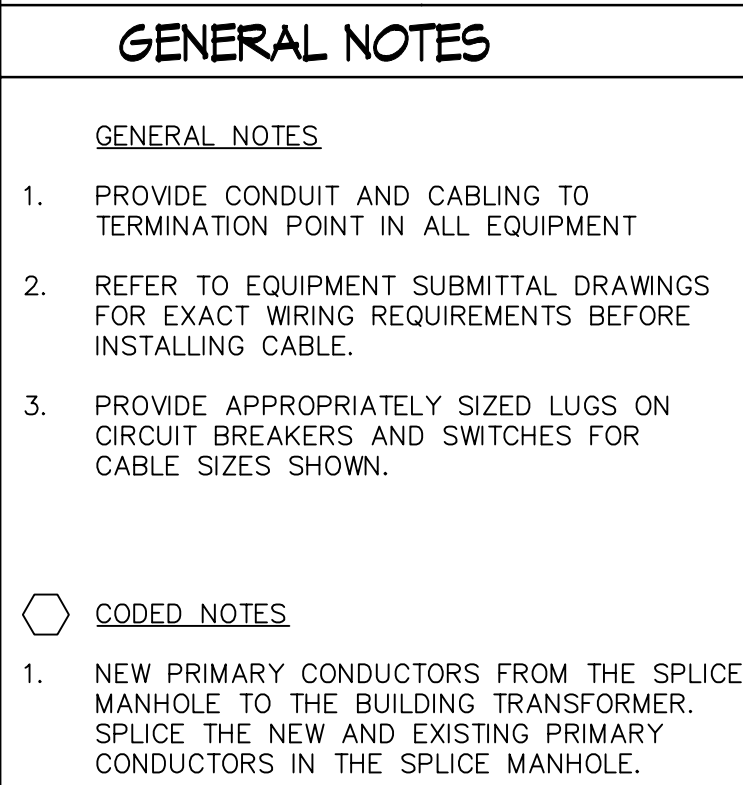
KORRA NEMETL ENGINEERING

1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7011
614-487-1650 • FAX 614-487-8981 • WEB www.korda.com

Korda Project No. 2009-0204

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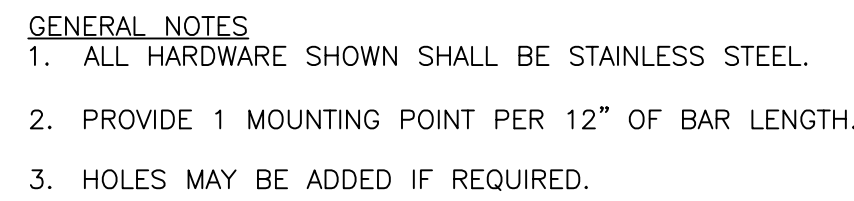




Veterans Affairs



KORDA/NEMETH ENGINEERING
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7011
614-487-1650 • FAX 614-487-8981 • WEB www.korda.com
Korda Project No. **2009-0204**

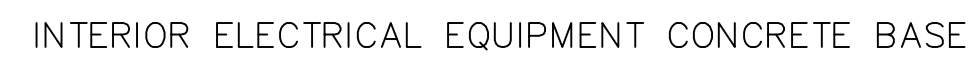


N.T.S.



TYPICAL STARTER/DISCONNECT SWITCH AT MECHANICAL EQUIPMENT

N.T.S.



N.T.S.



N.T.S.



E DUCT BANK DETAILS



F POLE BASE DETAIL



SEAL



Drawing Title
ELECTRICAL DETAILS
Submittal:
CONSTRUCTION BID DOCUMENTS
Job Number
2009-05-01

Drawn	KORDA/NEMETH ENGINEERING, INC.
Checked	KORDA/NEMETH ENGINEERING, INC.

Building Number	86
Reviewed	KORDA/NEMETH ENGINEERING, INC.

AutoCAD File Name
Const. Contract

Date	09/20/2012
Project Number	557-CSI-375
DRAWING No.	E701
Dwg. ? Of	



Matrix Architects

249 Wayne Avenue, Dayton, Ohio 45402
Telephone: (937) 224-7100 Fax: (937) 224-7125

Matrix Project No.	09104
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Consultant



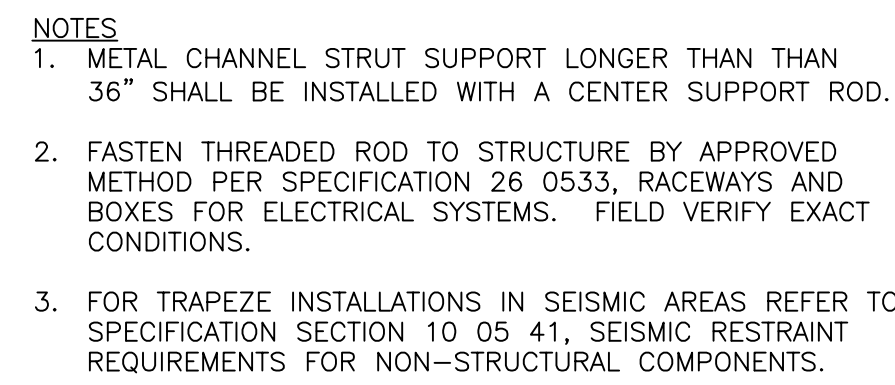
KORDA/NEMETH ENGINEERING
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010
614-487-1650 • FAX 614-487-8981 • WEB www.korda.com

Korda Project No. 2009-0204

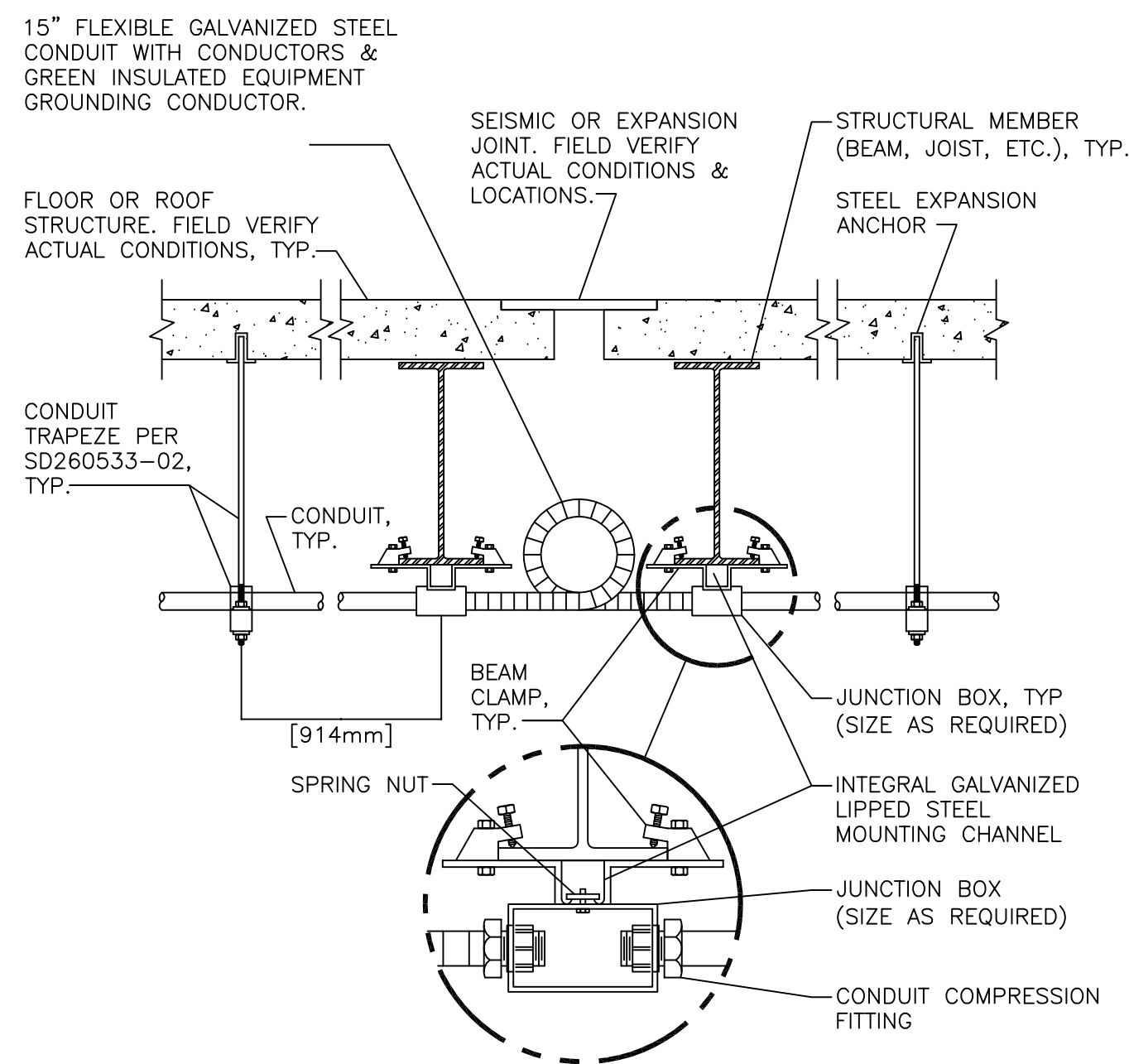


**KORDA/NEMETH
ENGINEERING, INC**
1850 WATERMARK DRIVE
COLUMBUS, OHIO 43215
DESIGNED BY
F. ALKHAYRI
DRAWN BY
C. WEFER
CHECKED BY
E. KUNDLA
JOB FILE 2008-0204

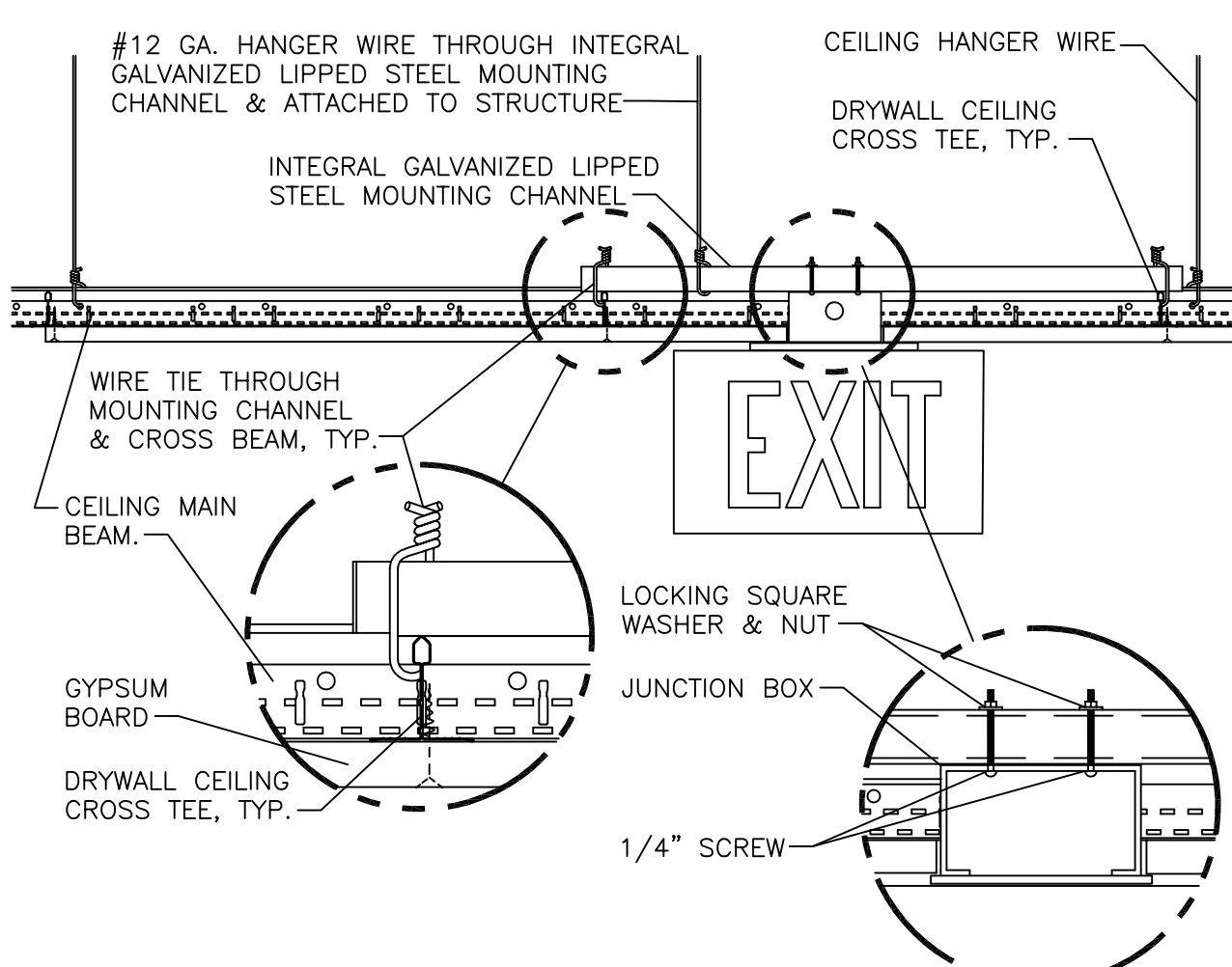




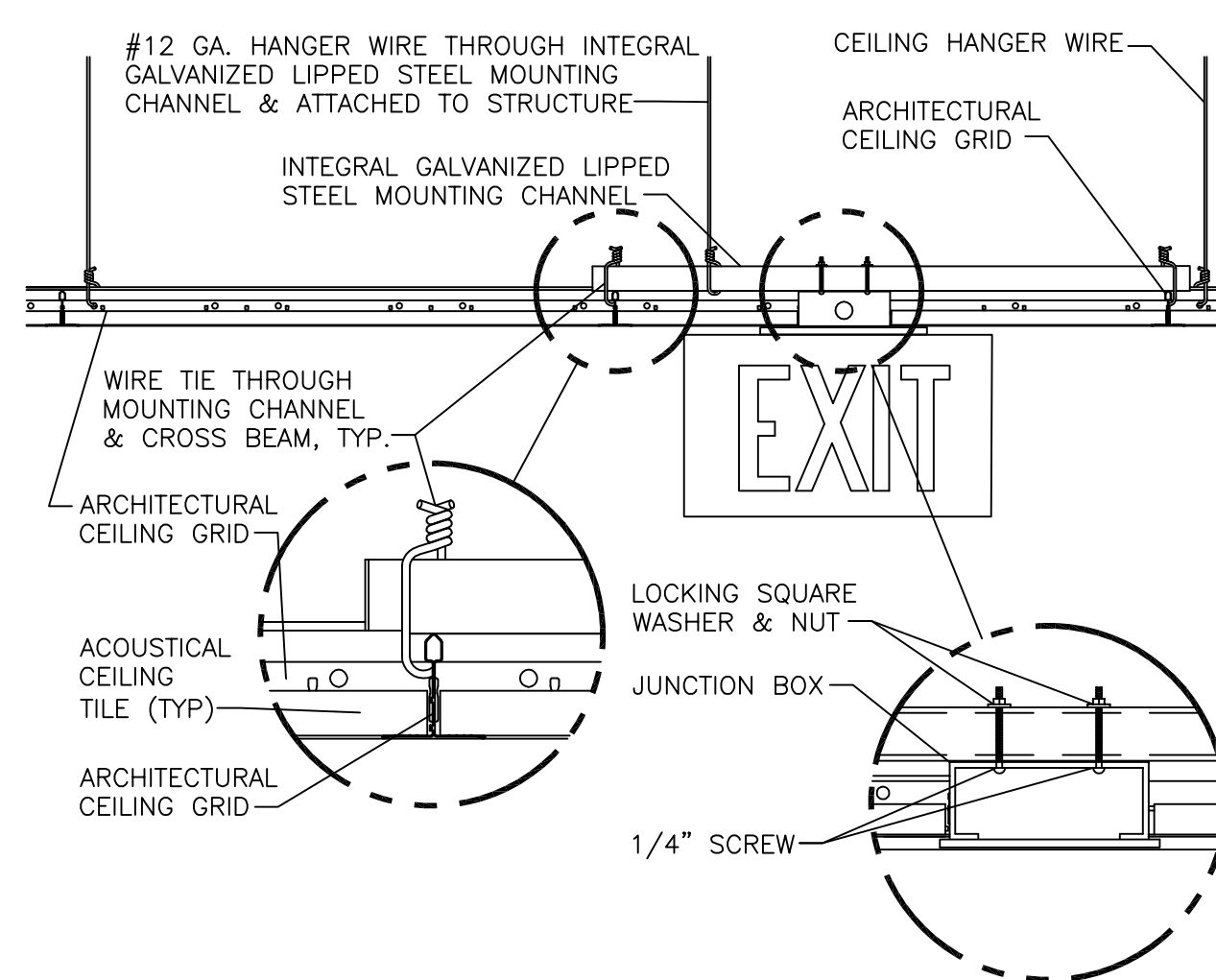
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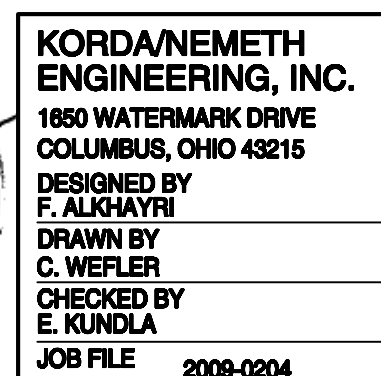
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N.T.S.



N.T.S.



Matrix Project No. 09104

Consultant

KORDA

KORDA/NEMETH ENGINEERING
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010
614-487-1650 • FAX 614-487-8981 • WEB www.korda.com
Korda Project No. **2009-0204**

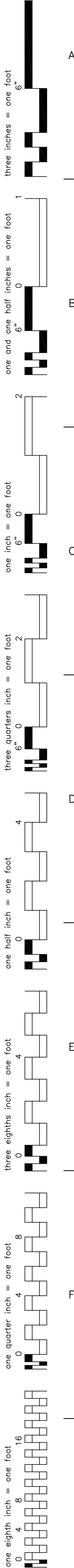


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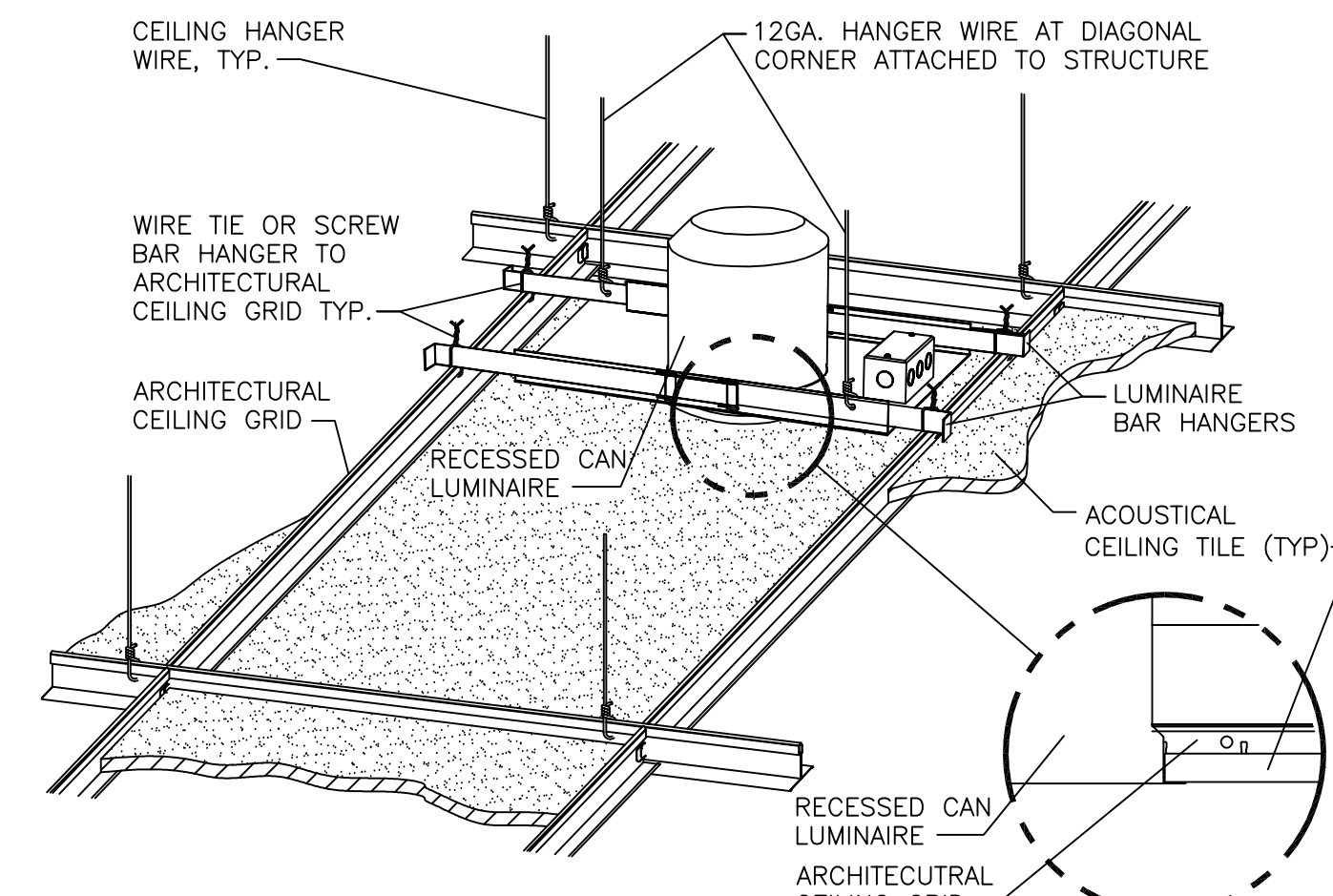


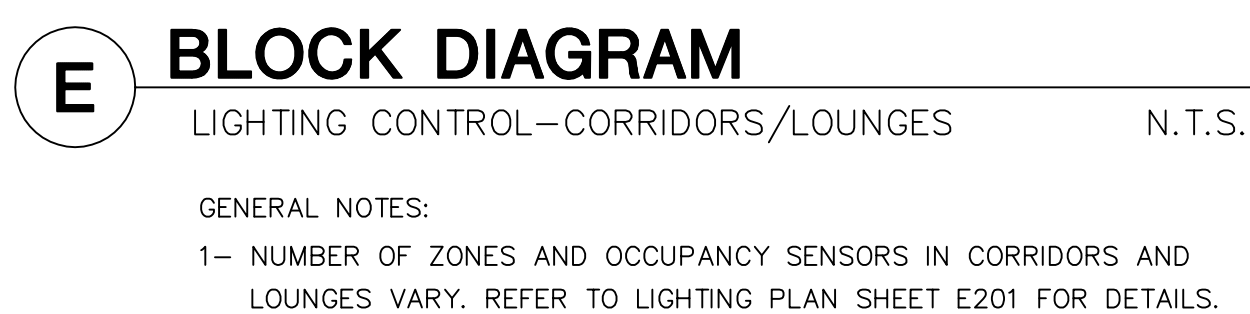
Drawing Title
ELECTRICAL DETAILS
Submittal:
CONSTRUCTION BID DOCUMENTS
Job Number
2009-05-01

Drawn KORDA/NEMETH ENGINEERING, INC.	Building Number 86
Checked KORDA/NEMETH ENGINEERING, INC.	Reviewed KORDA/NEMETH ENGINEERING, INC.

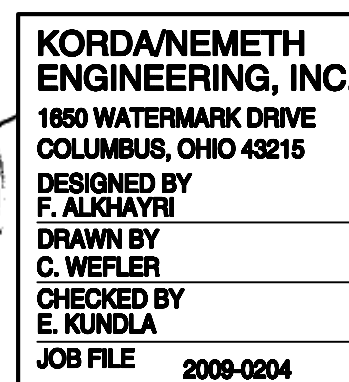


B DOWNLIGHT MOUNTING - GYPBOARD CEILING





GENERAL NOTES



Matrix Project No.	09104
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Consultant



KORDA/NEMETH ENGINEERING
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Korda Project No. 2009-0204

REVISION NO.	REVISION DESCRIPTION	
1	REVISED/ADDED FOR REBIDDING	06/29/2017
Revisions		By Date



**Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021**

SEAL



Recommended Approvals:	
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Drawing Title
**ELECTRICAL
DETAILS**

Submittal:

CONSTRUCTION BID DOCUMENTS

Job Number 2009-05-01

Project Title	12/1/2011	
VA HOSPICE CARE UNIT		

Drawn
KORDA/NEMETH
ENGINEERING, INC.

Checked	
KORDA/NEMETH	
ENGINEERING INC	

Building Number	86
-----------------	----

Reviewed
KORDA/NEMETH
ENGINEERING INC.

AutoCAD File Name

Const. Contract	
-----------------	--

Date
09/20/2012







































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557-CSE-375

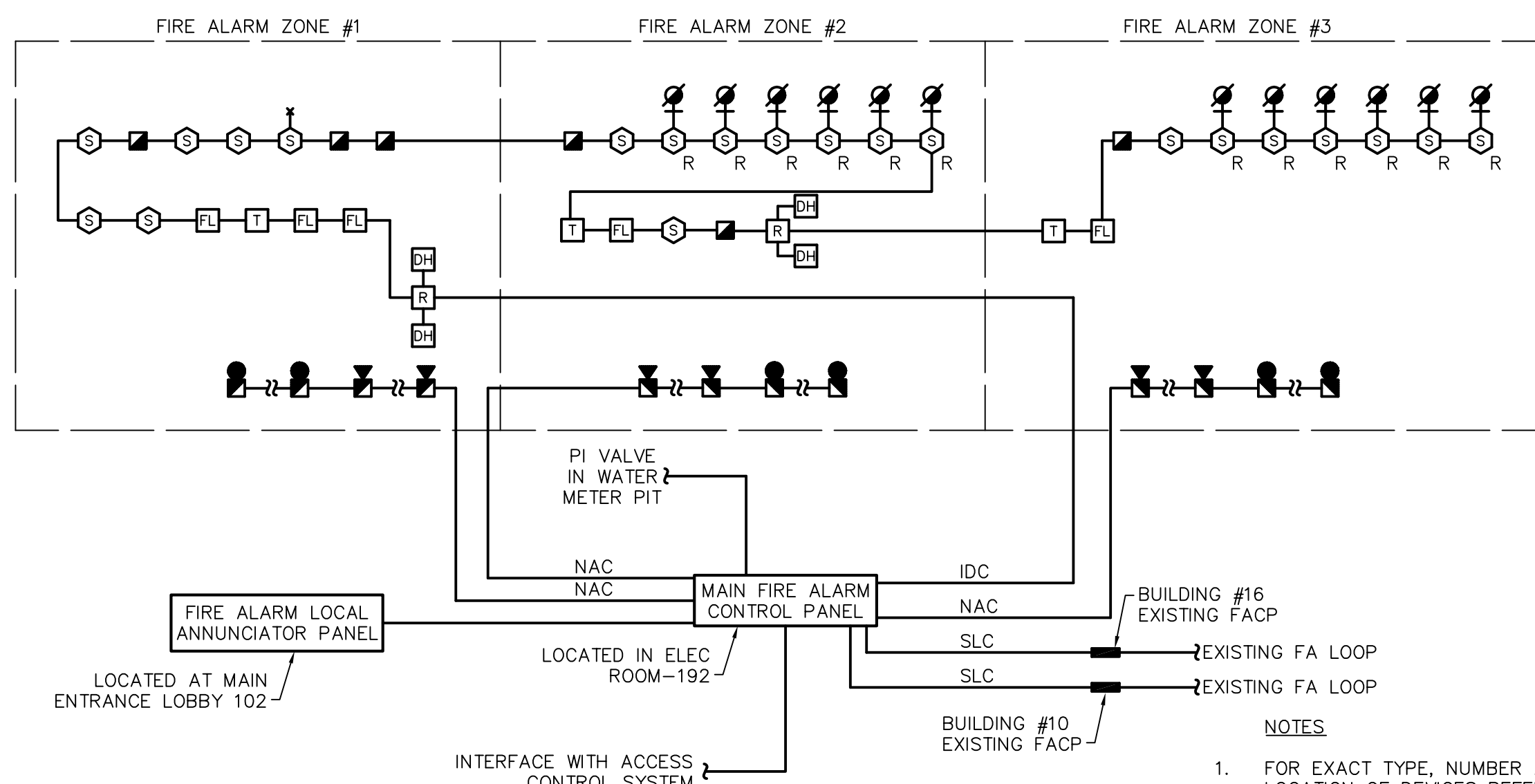
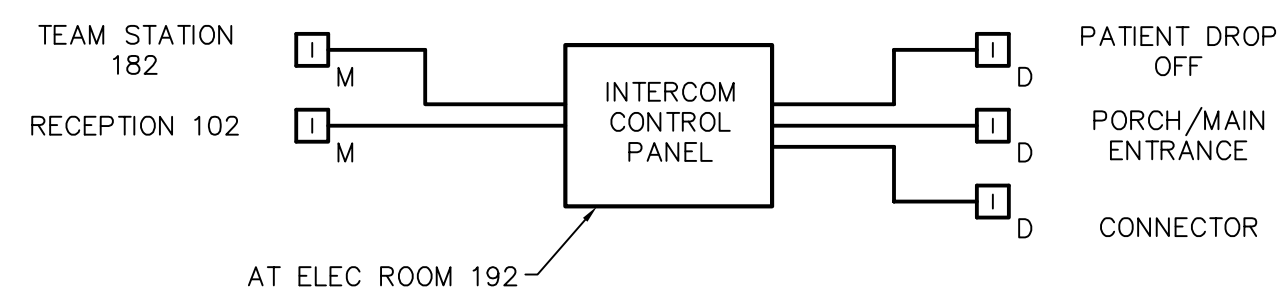
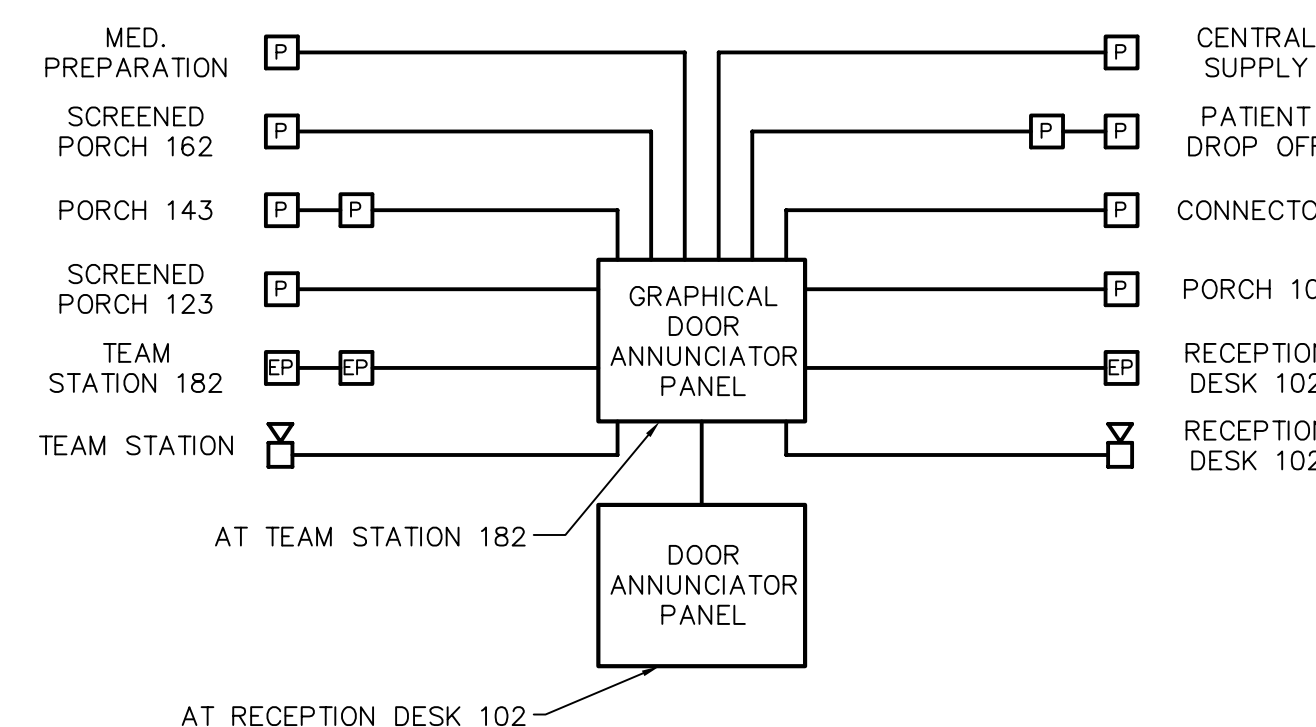
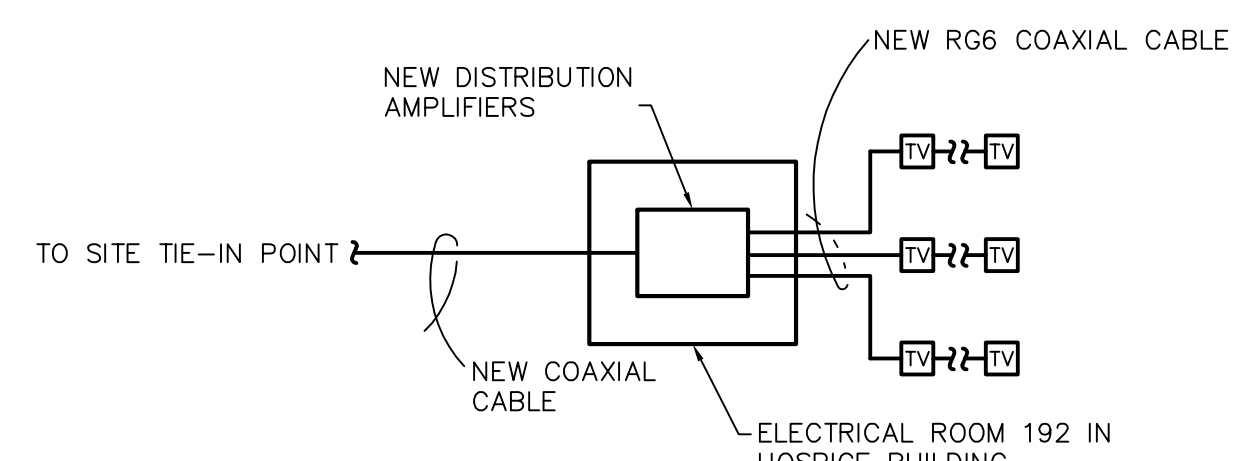
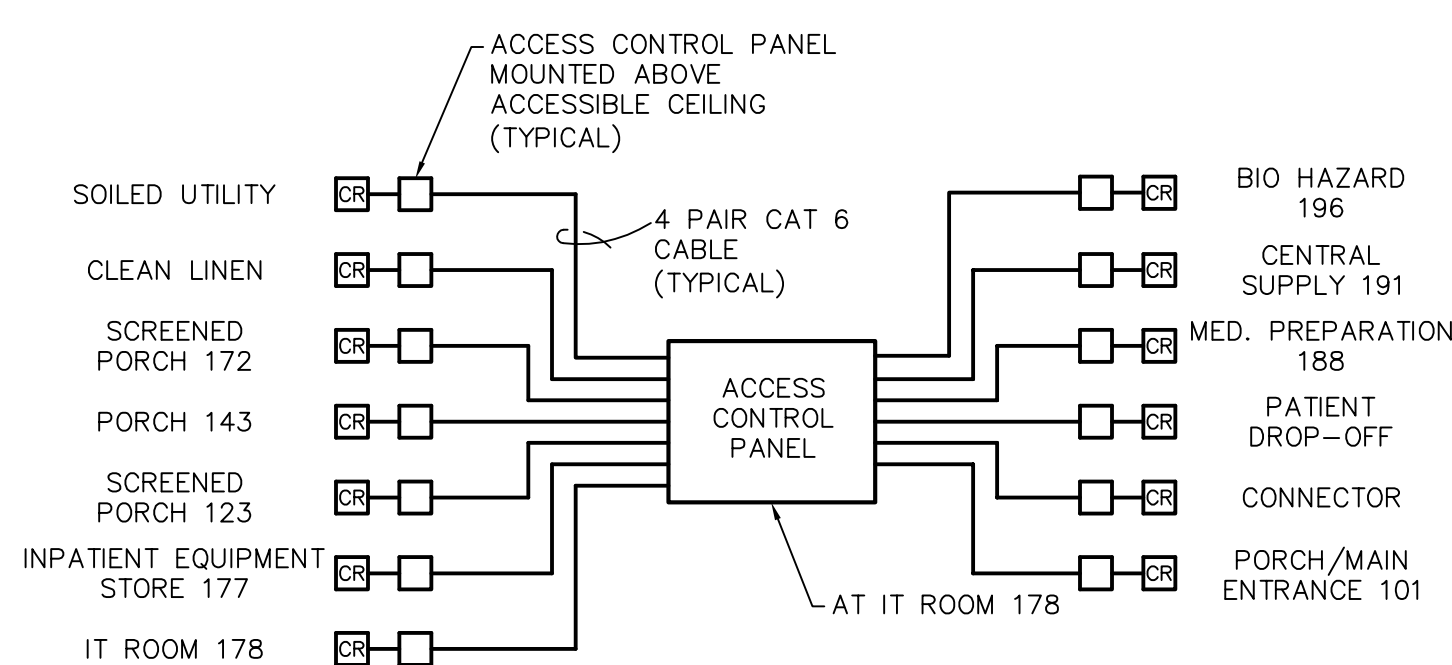
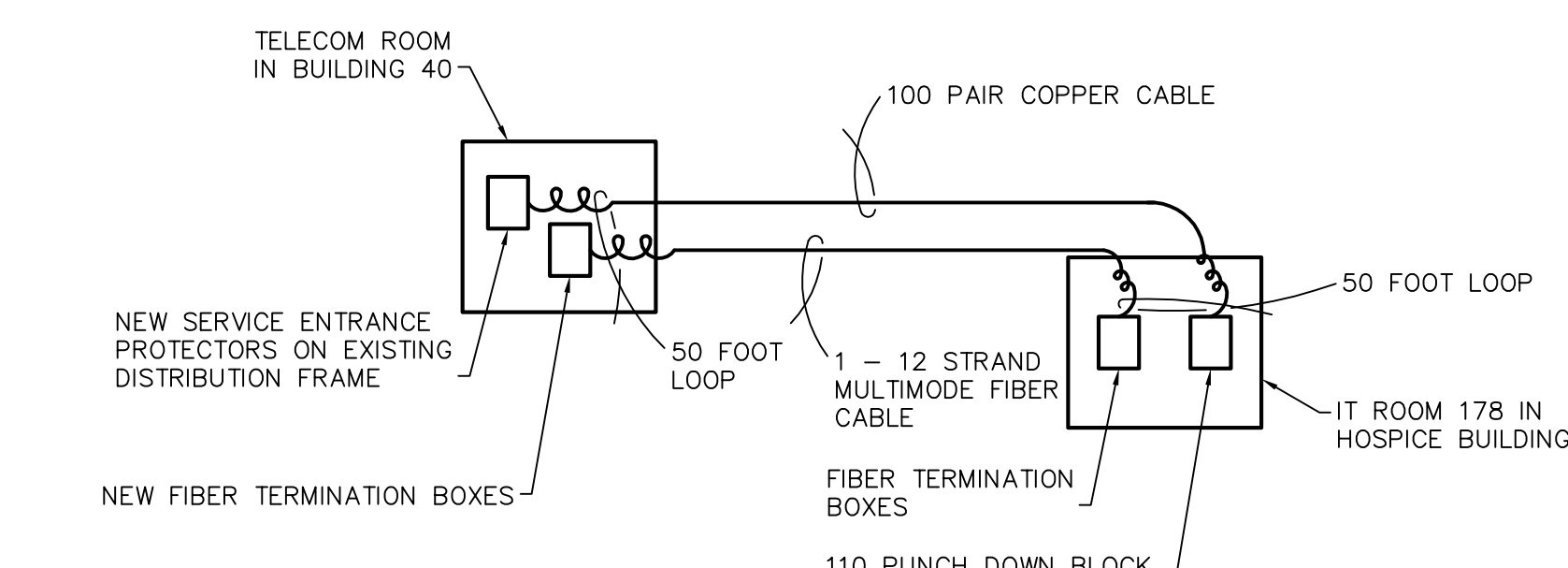
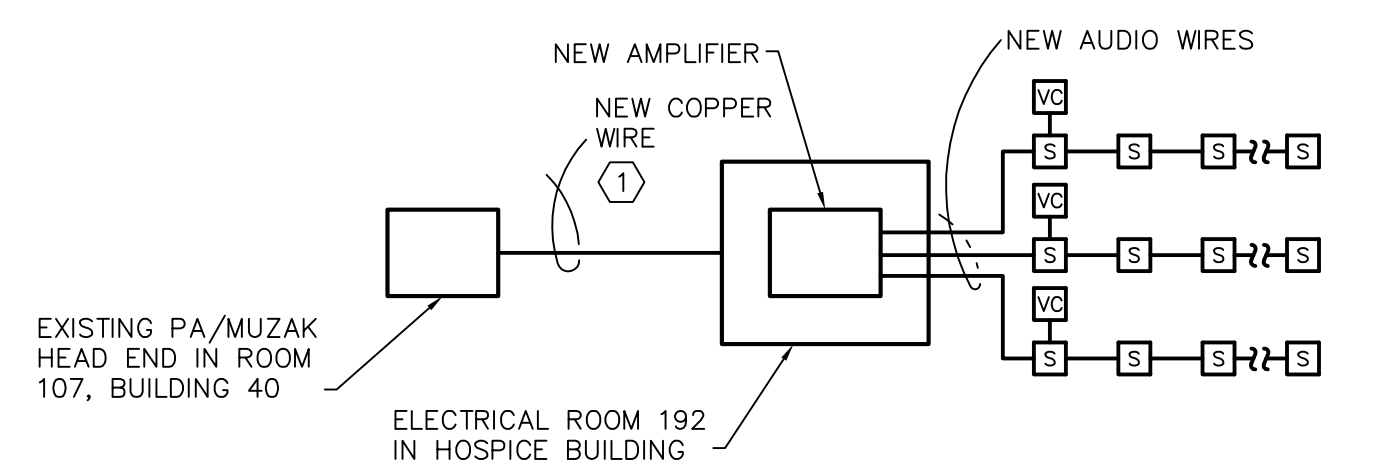
DRAWING No.

E 70.

Dwg. ? Of

Veterans Affairs

SYMBOLS LIST FOR PLANS		
1. SOME SYMBOLS MAY NOT BE USED. 2. MOUNTING HEIGHTS ARE TO TOP U.N.O.		
SYMBOL	DESCRIPTION	MOUNTING HEIGHT UNLESS NOTED OTHERWISE
	FIRE ALARM MANUAL PULL STATION	48"
	FIRE ALARM AUDIBLE DEVICE	REFER TO ARCHITECTURAL ELEVATIONS
	FIRE ALARM VISUAL DEVICE	REFER TO ARCHITECTURAL ELEVATIONS
	COMBINATION FIRE ALARM AUDIBLE AND VISUAL DEVICE	REFER TO ARCHITECTURAL ELEVATIONS
	CEILING MOUNTED FIRE ALARM SMOKE DETECTOR; HEAT DETECTOR	----
	DUCT MOUNTED FIRE ALARM SMOKE DETECTOR	----
	CEILING MOUNTED FIRE ALARM SMOKE DETECTOR; WITH SOUNDER BASE	----
	4 PORT (3 CAT 6) DATA AND VOICE OUTLET F: FLOOR MOUNTED OUTLET	20"
	CEILING MOUNTED ACCESS POINT (BY OTHERS)	----
	FIRE ALARM MAGNETIC DOOR HOLDER	72"
	FIRE ALARM RELAY	----
	FIRE ALARM TAMPER SWITCH	----
	FIRE ALARM FLOW SWITCH	----
	NURSE CALL - PATIENT STATION WITH PILLOW SPEAKER	50"
	NURSE CALL - DUTY STATION	60"
	NURSE CALL - STAFF STATION	60"
	NURSE CALL - MASTER STATION	----
	NURSE CALL - EMERGENCY STATION WITH PULL CORD	50"
	NURSE CALL - SHOWER EMERGENCY STATION WITH PULL CORD	60"
	NURSE CALL - PRESENT STATION	60"
	NURSE CALL - CODE BLUE STATION	50"
	NURSE CALL - 37-PIN SIDECOM DEVICE FOR PATIENT BED INTERFACE	14"
	NURSE CALL - AUXILIARY INPUT DEVICE	50"
	NURSE CALL CORRIDOR DOME LIGHT FOR PATIENT ROOM, CEILING; WALL MOUNTED, "Z" = ZONE LIGHT	REFER TO ARCHITECTURAL ELEVATIONS
	CEILING MOUNTED PAGING/MUZAK SPEAKER	----
	WALL MOUNTED PAGING/MUZAK HORN	84"
	VOLUME CONTROL	60"
	TELEVISION OUTLET	20"
	DOOR POSITION SWITCH	----
	EMERGENCY PANIC BUTTON	----
	SECURITY SYSTEM CARD READER	60"
	SECURITY SYSTEM REQUEST TO EXIT DEVICE	----
	SECURITY SYSTEM POWER SUPPLY	----
	JUNCTION BOX FOR HANDICAP DOOR OPENER PUSHBUTTON	48"
	AUDIO/VIDEO DOOR INTERCOM STATION	60"
	AUDIO/VIDEO MASTER INTERCOM STATION	----
	COMBINATION EMERGENCY PANIC AUDIBLE AND VISUAL DEVICE (2 LAMPS)	84"
	DVD OUTLET (JUNCTION BOX ONLY WITH COVER PLATE)	20"



<u>REVISION NO.</u>	<u>REVISION DESCRIPTION</u>	
1	REVISED/ADDED FOR REBIDDING	06/29/2017
Revisions		By Date

**Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021**



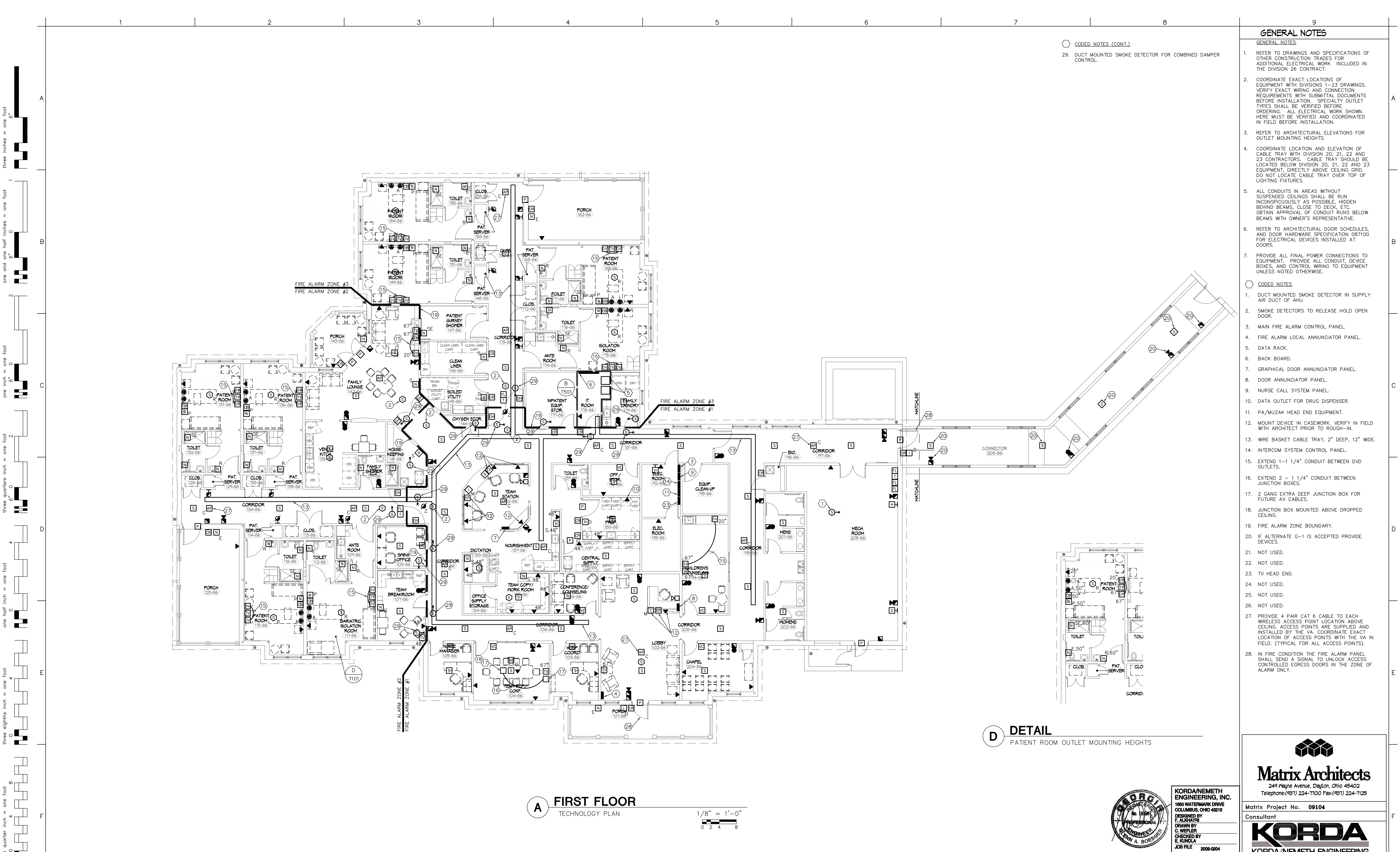
Recommended	Approvals:
1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE
2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COTR

Project Title		
VA HOSPICE CARE UNIT		

Drawn	KORDA/NEMETH ENGINEERING, INC.
Checked	KORDA/NEMETH ENGINEERING, INC.

AutoCAD File Name

Const. Contract



- GENERAL NOTES**
- GENERAL NOTES
- REFER TO DRAWINGS AND SPECIFICATIONS OF OTHER CONSTRUCTION TRADES FOR ADDITIONAL ELECTRICAL WORK INCLUDED IN THE DIVISION 26 CONTRACT.
 - COORDINATE EXACT LOCATIONS OF EQUIPMENT WITH DIVISIONS 1-23 DRAWINGS. VERIFY EXACT WIRING AND CONNECTION REQUIREMENTS WITH SUBMITTAL DOCUMENTS BEFORE INSTALLATION. SPECIALTY OUTLET TYPES SHALL BE VERIFIED BEFORE ORDERING. ALL ELECTRICAL WORK SHOWN HERE MUST BE VERIFIED AND COORDINATED IN FIELD BEFORE INSTALLATION.
 - REFER TO ARCHITECTURAL ELEVATIONS FOR OUTLET MOUNTING HEIGHTS.
 - COORDINATE LOCATION AND ELEVATION OF CABLE TRAY WITH DIVISION 20, 21, 22 AND 23 CONTRACTORS. CABLE TRAY SHOULD BE LOCATED BELOW DIVISION 20, 21, 22 AND 23 EQUIPMENT, DIRECTLY ABOVE CEILING GRID. DO NOT LOCATE CABLE TRAY OVER TOP OF LIGHTING FIXTURES.
 - ALL CONDUITS IN AREAS WITHOUT SUSPENDED CEILINGS SHALL BE RUN INCONSPICUOUSLY AS POSSIBLE, HIDDEN BEHIND BEAMS, CLOSE TO DECK, ETC. OBTAIN APPROVAL OF CONDUIT RUNS BELOW BEAMS WITH OWNER'S REPRESENTATIVE.
 - REFER TO ARCHITECTURAL DOOR SCHEDULES, AND DOOR HARDWARE SPECIFICATION 087100 FOR ELECTRICAL DEVICES INSTALLED AT DOORS.
 - PROVIDE ALL FINAL POWER CONNECTIONS TO EQUIPMENT. PROVIDE ALL CONDUIT, DEVICE BOXES, AND CONTROL WIRING TO EQUIPMENT UNLESS NOTED OTHERWISE.
- CODED NOTES**
- DUCT MOUNTED SMOKE DETECTOR IN SUPPLY AIR DUCT OF AHU.
 - SMOKE DETECTORS TO RELEASE HOLD OPEN DOOR.
 - MAIN FIRE ALARM CONTROL PANEL.
 - FIRE ALARM LOCAL ANNUNCIATOR PANEL.
 - DATA RACK.
 - BACK BOARD.
 - GRAPHICAL DOOR ANNUNCIATOR PANEL.
 - DOOR ANNUNCIATOR PANEL.
 - NURSE CALL SYSTEM PANEL.
 - DATA OUTLET FOR DRUG DISPENSER.
 - PA/MUZAK HEAD END EQUIPMENT.
 - MOUNT DEVICE IN CASEWORK. VERIFY IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
 - WIRE BASKET CABLE TRAY, 2" DEEP, 12" WIDE.
 - INTERCOM SYSTEM CONTROL PANEL.
 - EXTEND 1-1 1/4" CONDUIT BETWEEN DVD OUTLETS.
 - EXTEND 2 - 1 1/4" CONDUIT BETWEEN JUNCTION BOXES.
 - 2 GANG EXTRA DEEP JUNCTION BOX FOR FUTURE AV CABLES.
 - JUNCTION BOX MOUNTED ABOVE DROPPED CEILING.
 - FIRE ALARM ZONE BOUNDARY.
 - IF ALTERNATE G-1 IS ACCEPTED PROVIDE DEVICES.
 - NOT USED.
 - NOT USED.
 - TV HEAD END.
 - NOT USED.
 - NOT USED.
 - NOT USED.
 - PROVIDE 4 PAIR CAT 6 CABLE TO EACH WIRELESS ACCESS POINT LOCATION ABOVE CEILING. ACCESS POINTS ARE SUPPLIED AND INSTALLED BY THE VA. COORDINATE EXACT LOCATION OF ACCESS POINTS WITH THE VA IN FIELD. (TYPICAL FOR ALL ACCESS POINTS).
 - IN FIRE CONDITION THE FIRE ALARM PANEL SHALL SEND A SIGNAL TO UNLOCK ACCESS CONTROLLED EGRESS DOORS IN THE ZONE OF ALARM ONLY.

Matrix Architects
249 Wayne Avenue, Dayton, Ohio 45402
Telephone: (937) 224-7100 Fax: (937) 224-7125

Matrix Project No. 09104

Consultant

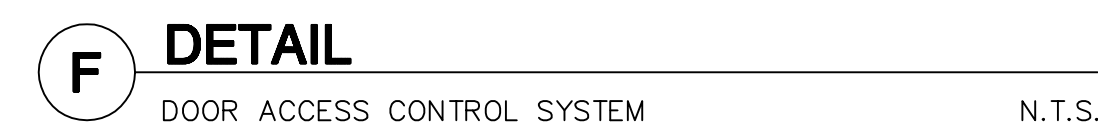
KORDA
KORDA/NEMETH ENGINEERING
1650 Watermark Drive, Suite 200 - Columbus, Ohio 43215-7010
614-467-1650 - FAX 614-467-9881 - WEB www.korda.com
Korda Project No. 2009-0204

KORDA/NEMETH ENGINEERING, INC.
1650 WATERMARK DRIVE
COLUMBUS, OHIO 43215
DESIGNED BY
F. ALKHAYRI
DRAWN BY
C. WIELER
CHECKED BY
E. KUNDLA
JOB FILE 2009-0204

Geometric Seal
REGISTERED PROFESSIONAL ENGINEER
GEORGE A. BOESCHER

North Arrow

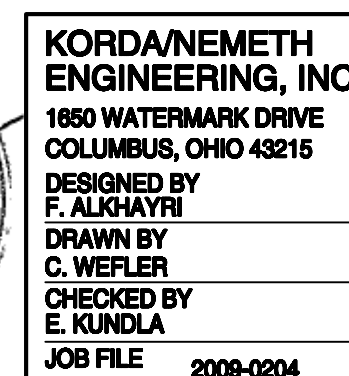
Revisions	Department of Veterans Affairs Medical Center 1826 Veterans Blvd. Dublin, Ga. 31021	Smith ENGINEERING, LLC 155 CLARKESVILLE STREET CORNELIA, GEORGIA TEL (678) 287-3690 LOCAL (706) 894-2390 FAX (678) 287-3731 www.jmsmithengineering.com	Recommended Approvals:	First Floor Technology Plan	Project Title VA HOSPICE CARE UNIT	Date 09/20/2012	Veterans Affairs
			1. MEDICAL DIRECTOR	6. OPERATIONS SERVICE LINE		Project Number 557-CSI-375	
			2. ASSOCIATE DIRECTOR	7. INFECTION CONTROL		DRAWING No. T101	
			3. CHIEF OF STAFF	8. SAFETY MANAGER		Dwg. ? Of	
			4. ASSOC. DIRECTOR	9. GENERAL ENGINEER			
			5. SERVICE LINE MGRS.	10. COTR			
Revisions		By Date	Job Number 2009-05-01		Const. Contract		



- NOTES**
- NOT ALL DEVICES ARE USED ON EVERY DOOR. COORDINATE WITH DOOR HARDWARE SCHEDULES ON DRAWINGS, & SPECIFICATION SECTION 08713 FOR EXACT HARDWARE REQUIREMENTS AT EACH DOOR.
- PROVIDE CONDUIT AND CABLEING FOR EACH ELECTRICAL DEVICE SHOWN THAT IS LISTED IN THE FINISH HARDWARE SPECIFICATION AND ON THE DOOR SCHEDULES.
- UNLESS NOTED OTHERWISE PROVIDE 1/2" CONDUIT AS SHOWN FROM ALL DEVICES TO ENCLOSURE.
- ALL CONDUIT, CABLEING AND BACK BOXES ARE PROVIDED BY CONTRACTOR.
- EXACT ROUGH-IN LOCATIONS OF ALL DEVICES SHALL BE COORDINATED WITH ARCHITECT IN FIELD.
- DIAGRAM IS TYPICAL OF EACH LEAF IN A GROUPING OF DOORS.
- PROVIDE SPECIFIC CONDUITS FOR CABLEING REQUIRED TO EACH LEAF IN A MULTIPLE DOOR ENTRY LOCATION.
- CARD READER SHALL INITIATE AUTOMATIC DOOR OPENING. REFER TO SHEET E3.01 FOR LOCATION OF DOORS WITH AUTOMATIC DOOR OPENING.
- IN FIRE CONDITION, THE FIRE ALARM PANEL SHALL SEND A SIGNAL TO UNLOCK ACCESS CONTROLLED EGRESS DOORS LEADING DIRECTLY TO THE OUTSIDE OF THE BUILDING IN THE ZONE OF ALARM ONLY.

G FIRE ALARM

- NOTES
1. FACP IS THE FIRE ALARM CONTROL PANEL AT HOSPICE BUILDING.
 2. FAAP IS THE FIRE ALARM ANNUNCIATOR PANEL AT HOSPICE BUILDING.



Matrix Project No. 09104

Consultant	
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KORDA

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Korda Project No. **2009-0204**



**Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021**

SEAL



Drawing Title
TECHNOLOGY DETAILS
Submittal:
CONSTRUCTION BID DOCUMENTS
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Drawn KORDA/NEMETH ENGINEERING, INC.	Building Number 86	AutoCAD File Name
Checked KORDA/NEMETH ENGINEERING, INC.	Reviewed KORDA/NEMETH ENGINEERING, INC.	Const. Contract

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